

STAR
g e n e r a t o r



STAR
POWER GENERATION

CE ISO9001
STAR

PRODUCT LINE 17 - 2000 kVA

Generators with BAUDOIN engine

SDG-17B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



Technical data is a subject to change. Star assumes no responsibility for misprint. Pictures may differ from original product.

POWER RATINGS

Standby Power (ESP)	kVA / kW	17 / 14
Prime Power (PRP)	kVA / kW	15 / 12
Current (ESP)	A	23
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	4M05G17/5
Engine Mechanical Power	kW	19
Air Intake System		Natural
Cylinder Volume	L	2,1
Cylinder Quantity / Type		4 / Line
Bore & Stroke	MM x MM	89 x 90
Fuel injection system		Direct
Governing Type		Mechanic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	12
Oil Capacity	L	8
Engine Coolant Capacity	L	9,8
Daily Fuel Tank Capacity	L	92
Fuel Consumption		
Load %100	L / H	5,2
Load %75	L / H	3,9
Load %50	L / H	2,8

ALTERNATOR

Alternator Make		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	17
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	900 x 1750 x 1235 / 440
Canopied Type	LxWxH - mm / Weight - Kg	900 x 2100 x 1310 / 560

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours.10 % overload is available for a period of 1 hour within 12 hours.

SDG-22B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	22 / 18
Prime Power (PRP)	kVA / kW	20 / 16
Current (ESP)	A	30
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	4M06G22/5
Engine Mechanical Power	kW	25
Air Intake System		Natural
Cylinder Volume	L	2,3
Cylinder Quantity / Type		4 / Line
Bore & Stroke	MM x MM	89 x 92
Fuel injection system		Direct
Governing Type		Mechanic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	12
Oil Capacity	L	9,5
Engine Coolant Capacity	L	11,7
Daily Fuel Tank Capacity	L	92
Fuel Consumption		
Load %100	L / H	6,1
Load %75	L / H	4,5
Load %50	L / H	3,2

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	22
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	900 x 1750 x 1235 / 485
Canopied Type	LxWxH - mm / Weight - Kg	900 x 2100 x 1310 / 605

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours.10 % overload is available for a period of 1 hour within 12 hours.

SDG-33B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	33 / 26
Prime Power (PRP)	kVA / kW	30 / 24
Current (ESP)	A	49
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	4M06G33/5
Engine Mechanical Power	kW	33
Air Intake System		Natural
Cylinder Volume	L	3,12
Cylinder Quantity / Type		4 / Line
Bore & Stroke	MM x MM	105 x 120
Fuel injection system		Direct
Governing Type		Mechanic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	12
Oil Capacity	L	7,25
Engine Coolant Capacity	L	15
Daily Fuel Tank Capacity	L	132
Fuel Consumption		
Load %100	L / H	8,1
Load %75	L / H	6,4
Load %50	L / H	4,7

ALTERNATOR

Alternator Make & Model	STAR	
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	33
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1000 x 2050 x 1390 / 710
Canopied Type	LxWxH - mm / Weight - Kg	1000 x 2450 x 1610 / 905

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-44B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	44 / 35
Prime Power (PRP)	kVA / kW	40 / 32
Current (ESP)	A	63
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	4M06G44/5
Engine Mechanical Power	kW	40
Air Intake System		Turbocharger
Cylinder Volume	L	2,3
Cylinder Quantity / Type		4 / Line
Bore & Stroke	MM x MM	89 x 92
Fuel injection system		Direct
Governing Type		Mechanic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	12
Oil Capacity	L	9,5
Engine Coolant Capacity	L	11,7
Daily Fuel Tank Capacity	L	132
Fuel Consumption		
Load %100	L / H	9,3
Load %75	L / H	6,8
Load %50	L / H	4,6

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	44
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1000 x 2050 x 1400 / 730
Canopied Type	LxWxH - mm / Weight - Kg	1000 x 2450 x 1610 / 925

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-50B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	50 / 40
Prime Power (PRP)	kVA / kW	45 / 36
Current (ESP)	A	72
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	4M06G50/5
Engine Mechanical Power	kW	48
Air Intake System		Turbocharger
Cylinder Volume	L	2,3
Cylinder Quantity / Type		4 / Line
Bore & Stroke	MM x MM	89 x 92
Fuel injection system		Direct
Governing Type		Mechanic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	12
Oil Capacity	L	9,5
Engine Coolant Capacity	L	11,7
Daily Fuel Tank Capacity	L	132
Fuel Consumption		
Load %100	L / H	10,4
Load %75	L / H	7,5
Load %50	L / H	5,2

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	50
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1000 x 2050 x 1400 / 750
Canopied Type	LxWxH - mm / Weight - Kg	1000 x 2450 x 1610 / 945

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



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- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	55 / 44
Prime Power (PRP)	kVA / kW	50 / 40
Current (ESP)	A	79
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	4M06G55/5
Engine Mechanical Power	kW	53
Air Intake System		Turbocharger
Cylinder Volume	L	2,3
Cylinder Quantity / Type		4 / Line
Bore & Stroke	MM x MM	89 x 92
Fuel injection system		Direct
Governing Type		Mechanic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	12
Oil Capacity	L	9,5
Engine Coolant Capacity	L	11,7
Daily Fuel Tank Capacity	L	132
Fuel Consumption		
Load %100	L / H	11,3
Load %75	L / H	8,4
Load %50	L / H	5,7

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	55
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1000 x 2050 x 1520 / 765
Canopied Type	LxWxH - mm / Weight - Kg	1000 x 2450 x 1610 / 960

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10% overload is available for a period of 1 hour within 12 hours.

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

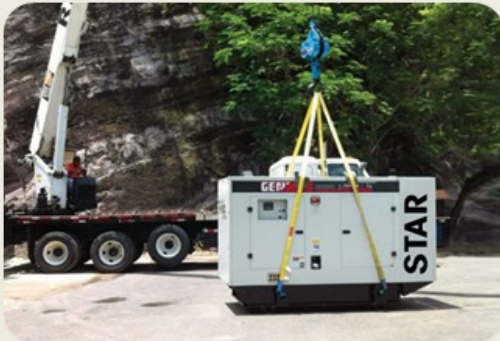
CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
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OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	72 / 58
Prime Power (PRP)	kVA / kW	65 / 52
Current (ESP)	A	102
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	4M11G70/5e2
Engine Mechanical Power	kW	66
Air Intake System		Turbocharged
Cylinder Volume	L	4,5
Cylinder Quantity / Type		4 / Line
Bore & Stroke	MM x MM	105 x 130
Fuel injection system		Direct
Governing Type		Mechanic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	12
Oil Capacity	L	10
Engine Coolant Capacity	L	15,3
Daily Fuel Tank Capacity	L	180
Fuel Consumption		
Load %100	L / H	14,5
Load %75	L / H	11,0
Load %50	L / H	7,7

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	72
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1000 x 2400 x 1520 / 1050
Canopied Type	LxWxH - mm / Weight - Kg	1000 x 2880 x 1610 / 1270

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-88B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	88 / 70
Prime Power (PRP)	kVA / kW	80 / 64
Current (ESP)	A	127
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	4M11G90/5e2
Engine Mechanical Power	kW	81
Air Intake System		Turbocharged
Cylinder Volume	L	4,5
Cylinder Quantity / Type		4/ Line
Bore & Stroke	MM x MM	105 x 130
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	10
Engine Coolant Capacity	L	15,3
Daily Fuel Tank Capacity	L	180
Fuel Consumption		
Load %100	L / H	17,8
Load %75	L / H	13,3
Load %50	L / H	9,2

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	88
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1000 x 2400 x 1520 / 1135
Canopied Type	LxWxH - mm / Weight - Kg	1000 x 2880 x 1610 / 1355

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours.10 % overload is available for a period of 1 hour within 12 hours.

SDG-110B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	110 / 88
Prime Power (PRP)	kVA / kW	100 / 80
Current (ESP)	A	158
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	4M11G110/5e2
Engine Mechanical Power	kW	108
Air Intake System		Turbocharger
Cylinder Volume	L	4,5
Cylinder Quantity / Type		4 / Line
Bore & Stroke	MM x MM	105 x 130
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	10
Engine Coolant Capacity	L	20,8
Daily Fuel Tank Capacity	L	280
Fuel Consumption		
Load %100	L / H	23,3
Load %75	L / H	17,4
Load %50	L / H	11,9

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	110
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1050x 2700 x 1520 / 1160
Canopied Type	LxWxH - mm / Weight - Kg	1050x 3180 x 1870 / 1380

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-150B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



Technical data is a subject to change. Star assumes no responsibility for misprint. Pictures may differ from original product.

POWER RATINGS

Standby Power (ESP)	kVA / kW	150 / 120
Prime Power (PRP)	kVA / kW	135 / 109
Current (ESP)	A	216
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M11G150/5e2
Engine Mechanical Power	kW	140
Air Intake System		Turbocharger
Cylinder Volume	L	6,75
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	105 x 130
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	16
Engine Coolant Capacity	L	28
Daily Fuel Tank Capacity	L	280
Fuel Consumption		
Load %100	L / H	30,4
Load %75	L / H	23,1
Load %50	L / H	15,9

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	150
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1050 x 2700 x 1690 / 1280
Canopied Type	LxWxH - mm / Weight - Kg	1050 x 3180 x 1870 / 1520

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-165B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

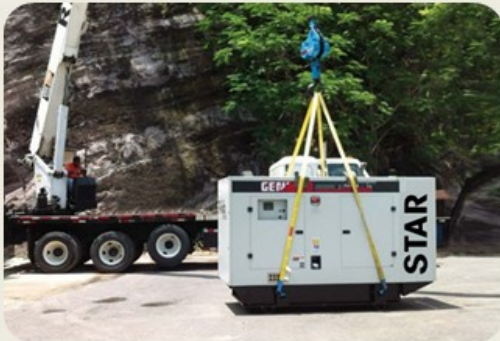
CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	165 / 132
Prime Power (PRP)	kVA / kW	150 / 120
Current (ESP)	A	238
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M11G165/5e2
Engine Mechanical Power	kW	152
Air Intake System		Turbocharger
Cylinder Volume	L	6,75
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	105 x 130
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	16
Engine Coolant Capacity	L	28
Daily Fuel Tank Capacity	L	280
Fuel Consumption		
Load %100	L / H	32,7
Load %75	L / H	24,5
Load %50	L / H	16,7

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	165
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1050 x 2700 x 1690 / 1340
Canopied Type	LxWxH - mm / Weight - Kg	1050 x 3180 x 1870 / 1585

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10% overload is available for a period of 1 hour within 12 hours.

SDG-220B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	220 / 176
Prime Power (PRP)	kVA / kW	200 / 160
Current (ESP)	A	317
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M16G220/5e2
Engine Mechanical Power	kW	200
Air Intake System		Turbocharger
Cylinder Volume	L	9,73
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	126 x 130
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	24
Engine Coolant Capacity	L	50
Daily Fuel Tank Capacity	L	380
Fuel Consumption		
Load %100	L / H	42,1
Load %75	L / H	31,6
Load %50	L / H	21,9

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	220
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1150 x 3340 x 1860 / 1845
Canopied Type	LxWxH - mm / Weight - Kg	1150 x 3820 x 2460 / 2140

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-250B - POWERED BY BAUDOUIIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	250 / 200
Prime Power (PRP)	kVA / kW	225 / 180
Current (ESP)	A	360
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOUIIN	6M16G250/5e2
Engine Mechanical Power	kW	238
Air Intake System		Turbocharger
Cylinder Volume	L	9,73
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	126 x 130
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	24
Engine Coolant Capacity	L	50
Daily Fuel Tank Capacity	L	535
Fuel Consumption		
Load %100	L / H	49,7
Load %75	L / H	37,5
Load %50	L / H	26

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	250
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1150 x 3340 x 1860 / 1935
Canopied Type	LxWxH - mm / Weight - Kg	1150 x 3820 x 2460 / 2235

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-275B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

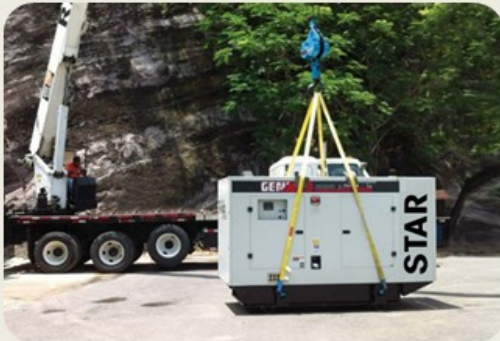
CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	275 / 220
Prime Power (PRP)	kVA / kW	250 / 200
Current (ESP)	A	396
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M16G275/5e2
Engine Mechanical Power	kW	264
Air Intake System		Turbocharger
Cylinder Volume	L	9,73
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	126 x 130
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	24
Engine Coolant Capacity	L	50
Daily Fuel Tank Capacity	L	535
Fuel Consumption		
Load %100	L / H	56,9
Load %75	L / H	42,2
Load %50	L / H	28,4

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	275
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1150x 3340 x 1860 / 1950
Canopied Type	LxWxH - mm / Weight - Kg	1150x 3820 x 2460/ 2250

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours.10 % overload is available for a period of 1 hour within 12 hours.

SDG-330B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	330 / 264
Prime Power (PRP)	kVA / kW	300 / 240
Current (ESP)	A	475
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M16G330/5e2
Engine Mechanical Power	kW	320
Air Intake System		Turbocharger
Cylinder Volume	L	9,73
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	126 x 130
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	30
Engine Coolant Capacity	L	50
Daily Fuel Tank Capacity	L	535
Fuel Consumption		
Load %100	L / H	70,5
Load %75	L / H	52,3
Load %50	L / H	35,3

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	330
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1400 x 3250 x 1750 / 2285
Canopied Type	LxWxH - mm / Weight - Kg	1400 x 3705 x 2645 / 2690

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10% overload is available for a period of 1 hour within 12 hours.

DIESEL GENERATOR SET

SDG-385B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	385 / 308
Prime Power (PRP)	kVA / kW	350 / 280
Current (ESP)	A	555
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M21G385/5e2
Engine Mechanical Power	kW	350
Air Intake System		Turbocharger
Cylinder Volume	L	12,54
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	127 x 165
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	36
Engine Coolant Capacity	L	65
Daily Fuel Tank Capacity	L	890
Fuel Consumption		
Load %100	L / H	82,1
Load %75	L / H	60,6
Load %50	L / H	40,9

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	385
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1400 x 3250 x 1750 / 2455
Canopied Type	LxWxH - mm / Weight - Kg	1400 x 3705 x 2645 / 2860

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours.10 % overload is available for a period of 1 hour within 12 hours.

SDG-440B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
- OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



Technical data is a subject to change. Star assumes no responsibility for misprint. Pictures may differ from original product.

POWER RATINGS

Standby Power (ESP)	kVA / kW	440 / 352
Prime Power (PRP)	kVA / kW	400 / 320
Current (ESP)	A	644
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M21G440/5e2
Engine Mechanical Power	kW	405
Air Intake System		Turbocharger
Cylinder Volume	L	12,54
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	127 x 165
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	36
Engine Coolant Capacity	L	65
Daily Fuel Tank Capacity	L	890
Fuel Consumption		
Load %100	L / H	85,0
Load %75	L / H	63,5
Load %50	L / H	43,1

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	440
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1400 x 3250 x 1750 / 2550
Canopied Type	LxWxH - mm / Weight - Kg	1400 x 3705 x 2645 / 2950

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours.10 % overload is available for a period of 1 hour within 12 hours.

SDG-500B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	500 / 400
Prime Power (PRP)	kVA / kW	455 / 364
Current (ESP)	A	721
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M21G500/5
Engine Mechanical Power	kW	450
Air Intake System		Turbocharger
Cylinder Volume	L	12,54
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	127 x 165
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	36
Engine Coolant Capacity	L	69,2
Daily Fuel Tank Capacity	L	1145
Fuel Consumption		
Load %100	L / H	112,9
Load %75	L / H	77,8
Load %50	L / H	52,1

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	500
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1600 x 4000 x 2220 / 3590
Canopied Type	LxWxH - mm / Weight - Kg	1600 x 4400 x 2650 / 4105

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

DIESEL GENERATOR SET

SDG-550B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	550 / 440
Prime Power (PRP)	kVA / kW	500 / 400
Current (ESP)	A	793
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M26G550/5e2
Engine Mechanical Power	kW	484
Air Intake System		Turbocharger
Cylinder Volume	L	15,9
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	150 x 150
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	50
Engine Coolant Capacity	L	142
Daily Fuel Tank Capacity	L	1145
Fuel Consumption		
Load %100	L / H	104,9
Load %75	L / H	78,4
Load %50	L / H	53,6

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	550
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1600 x 4000 x 2220 / 3630
Canopied Type	LxWxH - mm / Weight - Kg	1600 x 4400 x 2650 / 4105

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-660B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	660 / 528
Prime Power (PRP)	kVA / kW	600 / 480
Current (ESP)	A	952
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M33G660/5e2
Engine Mechanical Power	kW	572
Air Intake System		Turbocharger
Cylinder Volume	L	19,6
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	150 x 185
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	60,5
Engine Coolant Capacity	L	126,63
Daily Fuel Tank Capacity	L	1530
Fuel Consumption		
Load %100	L / H	122,8
Load %75	L / H	92,8
Load %50	L / H	64,4

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	660
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1800 x 4290 x 2340 / 4900
Canopied Type	LxWxH - mm / Weight - Kg	1800 x 4500 x 3075 / 5590

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

DIESEL GENERATOR SET

SDG-715B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	715 / 572
Prime Power (PRP)	kVA / kW	650 / 520
Current (ESP)	A	1032
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M33G715/5e2
Engine Mechanical Power	kW	633
Air Intake System		Turbocharger
Cylinder Volume	L	19,6
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	150 x 185
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	60,5
Engine Coolant Capacity	L	126,63
Daily Fuel Tank Capacity	L	1530
Fuel Consumption		
Load %100	L / H	134,7
Load %75	L / H	90,3
Load %50	L / H	76,8

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	715
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	1800 x 4290 x 2340 / 4900
Canopied Type	LxWxH - mm / Weight - Kg	1800 x 4500 x 3075 / 5590

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

DIESEL GENERATOR SET

SDG-825B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	825 / 660
Prime Power (PRP)	kVA / kW	750 / 600
Current (ESP)	A	1190
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	6M33G825/5
Engine Mechanical Power	kW	725
Air Intake System		Turbocharger
Cylinder Volume	L	19,6
Cylinder Quantity / Type		6 / V
Bore & Stroke	MM x MM	150 x 185
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	62
Engine Coolant Capacity	L	129
Daily Fuel Tank Capacity	L	2000
Fuel Consumption		
Load %100	L / H	150,0
Load %75	L / H	112,0
Load %50	L / H	72,5

ALTERNATOR

Alternator Make & Model	STAR	STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	825
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	2200 x 4900 x 2580 / 6000
Canopied Type	LxWxH - mm / Weight - Kg	2200 x 5150 x 3425 / 7480

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

DIESEL GENERATOR SET

SDG-900B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	900 / 720
Prime Power (PRP)	kVA / kW	818 / 655
Current (ESP)	A	1270
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	12M26G900/5e2
Engine Mechanical Power	kW	792
Air Intake System		Turbocharger
Cylinder Volume	L	31,8
Cylinder Quantity / Type		12 / V
Bore & Stroke	MM x MM	150 x 150
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	113
Engine Coolant Capacity	L	180
Daily Fuel Tank Capacity	L	2000
Fuel Consumption		
Load %100	L / H	172,5
Load %75	L / H	130,4
Load %50	L / H	91

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	900
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	2200 x 4900 x 2580 / 6310
Canopied Type	LxWxH - mm / Weight - Kg	2200 x 5150 x 3425 / 7790

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-1000B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	1000 / 800
Prime Power (PRP)	kVA / kW	900 / 720
Current (ESP)	A	1443
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	12M26G1000/5e
Engine Mechanical Power	kW	902
Air Intake System		Turbocharger
Cylinder Volume	L	31,8
Cylinder Quantity / Type		12 / V
Bore & Stroke	MM x MM	150 x 150
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	113
Engine Coolant Capacity	L	198
Daily Fuel Tank Capacity	L	2000
Fuel Consumption		
Load %100	L / H	196,8
Load %75	L / H	147,2
Load %50	L / H	101,8

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	1000
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	2200 x 4900 x 2580 / 6410
Canopied Type	LxWxH - mm / Weight - Kg	2200 x 5150 x 3425 / 7890

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours.10 % overload is available for a period of 1 hour within 12 hours.

SDG-1100B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



Technical data is a subject to change. Star assumes no responsibility for misprint. Pictures may differ from original product.

POWER RATINGS

Standby Power (ESP)	kVA / kW	1100 / 880
Prime Power (PRP)	kVA / kW	1000 / 800
Current (ESP)	A	1587
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	12M26G1100/5e
Engine Mechanical Power	kW	968
Air Intake System		Turbocharger
Cylinder Volume	L	31,8
Cylinder Quantity / Type		12 / V
Bore & Stroke	MM x MM	150 x 150
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	113
Engine Coolant Capacity	L	210
Daily Fuel Tank Capacity	L	2000
Fuel Consumption		
Load %100	L / H	205,0
Load %75	L / H	154,0
Load %50	L / H	106

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	1100
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	2200 x 4900 x 2580 / 6770
Canopied Type	LxWxH - mm / Weight - Kg	2200 x 5150 x 3425 / 8250

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-1250B - POWERED BY BAUDOUIIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



Technical data is a subject to change. Star assumes no responsibility for misprint. Pictures may differ from original product.

POWER RATINGS

Standby Power (ESP)	kVA / kW	1250 / 1000
Prime Power (PRP)	kVA / kW	1125 / 900
Current (ESP)	A	1804
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOUIIN	12M33G1250/5e
Engine Mechanical Power	kW	1108
Air Intake System		Turbocharger
Cylinder Volume	L	39,2
Cylinder Quantity / Type		12 / V
Bore & Stroke	MM x MM	150 x 185
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	146
Engine Coolant Capacity	L	233
Daily Fuel Tank Capacity	L	2000
Fuel Consumption		
Load %100	L / H	236,1
Load %75	L / H	175,0
Load %50	L / H	119,4

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	1250
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	2400 x 5200 x 2675 / 7370
Canopied Type	LxWxH - mm / Weight - Kg	2400 x 5450 x 3470 / 9035

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-1400B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	1400 / 1120
Prime Power (PRP)	kVA / kW	1250 / 1000
Current (ESP)	A	2020
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	12M33G1400/5e
Engine Mechanical Power	kW	1210
Air Intake System		Turbocharger
Cylinder Volume	L	39,2
Cylinder Quantity / Type		12 / V
Bore & Stroke	MM x MM	150 x 185
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	146
Engine Coolant Capacity	L	233
Daily Fuel Tank Capacity	L	2000
Fuel Consumption		
Load %100	L / H	259,0
Load %75	L / H	191,0
Load %50	L / H	129,5

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	1400
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	2400 x 5200 x 2675 / 7450
Canopied Type	LxWxH - mm / Weight - Kg	2400 x 5450 x 3470 / 9120

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

SDG-1700B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	1700 / 1360
Prime Power (PRP)	kVA / kW	1545 / 1236
Current (ESP)	A	2453
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	16M33G1700/5
Engine Mechanical Power	kW	1390
Air Intake System		Turbocharger
Cylinder Volume	L	52,3
Cylinder Quantity / Type		16 / V
Bore & Stroke	MM x MM	150 x 185
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	175
Engine Coolant Capacity	L	400
Daily Fuel Tank Capacity	L	2500
Fuel Consumption		
Load %100	L / H	325,2
Load %75	L / H	241,8
Load %50	L / H	163,7

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	1700
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	2300 x 5000 x 2500 / 8500
Canopied Type	LxWxH - mm / Weight - Kg	2500 x 9000 x 2750 / 14500

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload is available for a period of 1 hour within 12 hours.

DIESEL GENERATOR SET

SDG-1900B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	1900 / 1520
Prime Power (PRP)	kVA / kW	1727 / 1382
Current (ESP)	A	2742
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	16M33G1900/5
Engine Mechanical Power	kW	1530
Air Intake System		Turbocharger
Cylinder Volume	L	52,3
Cylinder Quantity / Type		16 / V
Bore & Stroke	MM x MM	150 x 185
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	175
Engine Coolant Capacity	L	400
Daily Fuel Tank Capacity	L	2500
Fuel Consumption		
Load %100	L / H	364,3
Load %75	L / H	265,4
Load %50	L / H	179,7

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	1900
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	2300 x 5000 x 2500 / 8800
Canopied Type	LxWxH - mm / Weight - Kg	2500 x 9000 x 2750 / 14800

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10% overload is available for a period of 1 hour within 12 hours.

SDG-2000B - POWERED BY BAUDOIN

GENERATOR SET SPECIFICATIONS

- High quality and reliability.
- Structurally easy start-up and maintenance.
- Heavy duty water cooled diesel engine.
- Brushless industrial alternator with AVR.
- Steel base frame integrated with high cap. fuel tank.
- Anti - vibration mounts.
- High temperature, low oil pressure, fuel level alarms and shutdowns.
- Engine filled with lubrication oil and coolant mix.
- Engine coolant heater.
- Fuel level indicator on LCD display of controller.
- Complete protection of rotating and hot parts.
- industrial type silencer.
- Fuel tank and engine oil heater (Option).

CONTROL PANEL



- Multi - lingual control panel with microprocessor.
- Digital LCD - display provides simple, intuitive menu navigation and control of generator set operation.
- Key information is displayed via the LCD screen.
- Simple push-button control;
OFF - MANUAL - AUTO - TEST - START
- Manual programming on control panel.
- Circuit Breaker.
- Emergency stop button, light and sound alarm siren.
- Battery charger.
- Remote control with GSM modem (option).

SOUNDPROOF CANOPY

- Sound attenuated.
- Robust and highly corrosion resistant construction
- Excellent access for maintenance through 2-6 doors.
- Fully weatherproof.
- Base mounted lifting eyes and canopy lifting points.
- Non-flammable acoustic foam.
- Totally enclosed exhaust silencing system.
- Vibration absorber pads.



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POWER RATINGS

Standby Power (ESP)	kVA / kW	2000 / 1600
Prime Power (PRP)	kVA / kW	1818 / 1455
Current (ESP)	A	2886
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	BAUDOIN	16M33G2000/5
Engine Mechanical Power	kW	1620
Air Intake System		Turbocharger
Cylinder Volume	L	52,3
Cylinder Quantity / Type		16 / V
Bore & Stroke	MM x MM	150 x 185
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	175
Engine Coolant Capacity	L	400
Daily Fuel Tank Capacity	L	2500
Fuel Consumption		
Load %100	L / H	381,0
Load %75	L / H	285,7
Load %50	L / H	190,5

ALTERNATOR

Alternator Make & Model	STAR	STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	2000
Voltage - Frequency	V - Hz	400 / 230 - 50
Voltage Regulation		+/- 1.0
Insulation / Protection Class		H / IP 23
Pole Quantity		4

DIMENSIONS AND WEIGHTS



Open Type	LxWxH - mm / Weight - Kg	2300 x 5000 x 2500 / 9000
Canopied Type	LxWxH - mm / Weight - Kg	2500 x 9000 x 2750 / 15000

Standby Power (ESP): Emergency power under varying electrical load. Overload is not permitted.

Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10% overload is available for a period of 1 hour within 12 hours.