

STAR
g e n e r a t o r



PRODUCT LINE 330 - 2250 kVA

Generators with CUMMINS engine

SDG-330C - POWERED BY CUMMINS

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	330 / 264
Prime Power (PRP)	kVA / kW	300 / 240
Current (ESP)	A	476
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	CUMMINS	QSL9G5
Engine Mechanical Power	kW	369
Air Intake System		Turbocharger
Cylinder Volume	L	8,8
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	114 x 145
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	27
Daily Fuel Tank Capacity	L	600
Fuel Consumption		
Load %100	L / H	59,0
Load %75	L / H	41,8
Load %50	L / H	31,5

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	3000 x 1300 x 2000 / 2750
Canopied Type	LxWxH - mm / Weight - Kg	3750 x 1300 x 2300 / 3350

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-440C - POWERED BY CUMMINS

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	440 / 352
Prime Power (PRP)	kVA / kW	400 / 320
Current (ESP)	A	634
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	CUMMINS	QSX15G4
Engine Mechanical Power	kW	366
Air Intake System		Turbocharger
Cylinder Volume	L	15
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	137 x 169
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	66
Engine Coolant Capacity	L	91
Daily Fuel Tank Capacity	L	750
Fuel Consumption		
Load %100	L / H	81,0
Load %75	L / H	63,0
Load %50	L / H	42,5

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	3250 x 1600 x 2200 / 3550
Canopied Type	LxWxH - mm / Weight - Kg	4500 x 1600 x 2500 / 4450

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-550C - POWERED BY CUMMINS

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	794
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	CUMMINS	QSX15G8
Engine Mechanical Power	kW	444
Air Intake System		Turbocharger
Cylinder Volume	L	15
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	137 x 169
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	66
Engine Coolant Capacity	L	91
Daily Fuel Tank Capacity	L	750
Fuel Consumption		
Load %100	L / H	102,5
Load %75	L / H	76,3
Load %50	L / H	53,4

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	3250 x 1600 x 2200 / 3850
Canopied Type	LxWxH - mm / Weight - Kg	4500 x 1600 x 2500 / 4750

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-700C - POWERED BY CUMMINS

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).

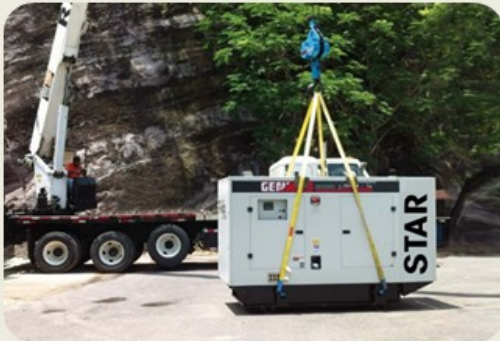
CONTROL PANEL



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- 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	700 / 560
Prime Power (PRP)	kVA / kW	636 / 509
Current (ESP)	A	1010
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	CUMMINS	VTA28G5
Engine Mechanical Power	kW	560
Air Intake System		Turbocharger
Cylinder Volume	L	28
Cylinder Quantity / Type		12/V
Bore & Stroke	MM x MM	140 x 152
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	83
Engine Coolant Capacity	L	170
Daily Fuel Tank Capacity	L	1200
Fuel Consumption		
Load %100	L / H	129,3
Load %75	L / H	97,5
Load %50	L / H	66,6

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	700
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	3750 x 1600 x 2200 / 5500
Canopied Type	LxWxH - mm / Weight - Kg	4750 x 1600 x 2500 / 6500

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-880C - POWERED BY CUMMINS

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	880 / 704
Prime Power (PRP)	kVA / kW	800 / 640
Current (ESP)	A	1270
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	CUMMINS	QSK23G3
Engine Mechanical Power	kW	701
Air Intake System		Turbocharger
Cylinder Volume	L	23,15
Cylinder Quantity / Type		6 / Line
Bore & Stroke	MM x MM	170 x 170
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	103
Engine Coolant Capacity	L	120
Daily Fuel Tank Capacity	L	1200
Fuel Consumption		
Load %100	L / H	165,4
Load %75	L / H	123,9
Load %50	L / H	87,9

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	880
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	3500 x 1800 x 2200 / 6000
Canopied Type	LxWxH - mm / Weight - Kg	4750 x 1800 x 2500 / 7150

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-1100C - POWERED BY CUMMINS

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	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	CUMMINS	KTA38G5
Engine Mechanical Power	kW	695
Air Intake System		Turbocharger
Cylinder Volume	L	37,8
Cylinder Quantity / Type		12 / V
Bore & Stroke	MM x MM	159 x 159
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	135
Engine Coolant Capacity	L	350
Daily Fuel Tank Capacity	L	1500
Fuel Consumption		
Load %100	L / H	205,0
Load %75	L / H	167,0
Load %50	L / H	109,0

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	4500 x 1800 x 2400 / 8500
Canopied Type	LxWxH - mm / Weight - Kg	5500 x 2200 x 2750 / 8950

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-1100C - POWERED BY CUMMINS

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).

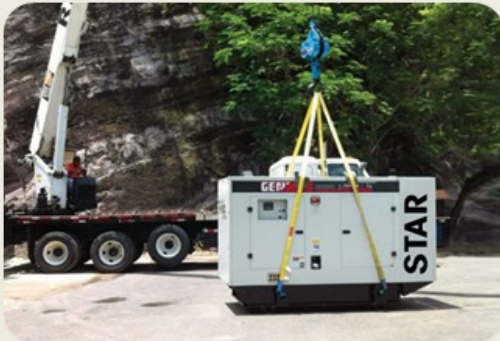
CONTROL PANEL



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- 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	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	CUMMINS	QST30G4
Engine Mechanical Power	kW	880
Air Intake System		Turbocharger
Cylinder Volume	L	30,48
Cylinder Quantity / Type		12 / V
Bore & Stroke	MM x MM	140 x 165
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	154
Engine Coolant Capacity	L	342
Daily Fuel Tank Capacity	L	1500
Fuel Consumption		
Load %100	L / H	203,0
Load %75	L / H	164,0
Load %50	L / H	105,0

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	4500 x 1800 x 2400 / 6850
Canopied Type	LxWxH - mm / Weight - Kg	5500 x 2200 x 2750 / 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-1375C - POWERED BY CUMMINS

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	1375 / 1100
Prime Power (PRP)	kVA / kW	1250 / 1000
Current (ESP)	A	1984
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	CUMMINS	KTA50G3
Engine Mechanical Power	kW	1097
Air Intake System		Turbocharger
Cylinder Volume	L	50,3
Cylinder Quantity / Type		16 / V
Bore & Stroke	MM x MM	159 x 159
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	177
Engine Coolant Capacity	L	415
Daily Fuel Tank Capacity	L	2000
Fuel Consumption		
Load %100	L / H	256,0
Load %75	L / H	189,5
Load %50	L / H	128,3

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	1375
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	5000 x 2200 x 2400 / 9850
Canopied Type	LxWxH - mm / Weight - Kg	9200 x 2430 x 2900 / 13750

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-2250C - POWERED BY CUMMINS

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).

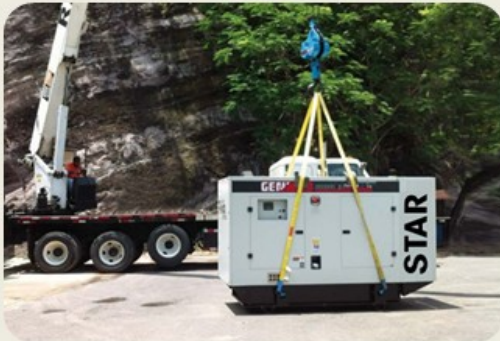
CONTROL PANEL



- 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	2250 / 1800
Prime Power (PRP)	kVA / kW	2045 / 1636
Current (ESP)	A	3246
Voltage - Frequency	V - Hz	400 / 230 - 50
Phase Quantity - Power Factor	Unit - Cosφ	3 - 0,8

ENGINE

Engine Make & Model	CUMMINS	QSK60G4
Engine Mechanical Power	kW	1730
Air Intake System		Turbocharger
Cylinder Volume	L	60,2
Cylinder Quantity / Type		16 / V
Bore & Stroke	MM x MM	159 x 190
Fuel injection system		Direct
Governing Type		Electronic
Engine Speed	RPM	1500
Cooling Method		Water
Electrical System	V DC	24
Oil Capacity	L	280
Engine Coolant Capacity	L	500
Daily Fuel Tank Capacity	L	2750
Fuel Consumption		
Load %100	L / H	415,0
Load %75	L / H	309,0
Load %50	L / H	211,0

ALTERNATOR

Alternator Make & Model		STAR
Alternator Type	Electronic (AVR)	Brushless
Standby Power (ESP)	kVA	2250
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	6000 x 2300 x 2700 / 15000
Canopied Type	LxWxH - mm / Weight - Kg	12000 x 2430 x 2000 / 21000

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.