

**STAR**  
generator



**STAR**  
lighting towers

**LIGHTING TOWERS**

**PRODUCT CATALOGUE**



### PERFORMANCE

Prime power (PRP)	7.0 kVA
Standby power (LTP)	7.7 kVA
Generator Type	Mobile Lighting Tower
Power factor	1.0
Frequency	50 Hz.
Voltage	230V

### GENERAL ENGINE DATA

Engine Brand	Yanmar
Engine Model	3TNV76
Engine Type	3-Cylinder ,Vertical
Prime Power (kW)	9,5 kW
StandBy Power (kW)	10,8 kW
Air intake type	Naturally aspirated
Cooling mode	Water-cooled
Governor mode	Mechanical
Bore x Stroke (mm)	76 mm x 82 mm
Rated speed (rpm )	1500 RPM
Displacement (L)	1,116 L
Description	Mobile Lighting Tower

### GENERAL DATA

Controller Brand	DeepSea -DSE4520
Structure Type	Mmobile Lighting Tower
AVR	Constant voltage AVR
Excitation Mode	Self Excitation
Fuel Type	Diesel
Recommended Oil	15W40

### ALTERNATOR DATA

Alternator Brand	STAR
Protection Class	IP23
Rated Current (A)	29 Amps
Pole Number	4
Phase Number	Single Phase

### LIGHTING & TRAILER

Standard Lights	4x150W LED Lights
Sockets	1 x 16A
Mast Type	4.5m Telescopic Mast (Manual)
Max Tow Speed	100 kph
Public Roads Use	Yes

### DIMENSIONS & TANK

L x W x H - mm	2850x1400x2100
Weight	800 kgs
Tank Capacity	150 L
Cons. 50% Load	1.7 l/h
Cons. 75% Load	2.5 l/h
Cons. 100% Load	3.3 l/h



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### PERFORMANCE

Prime power (PRP)	7.0 kVA
Standby power (LTP)	7.7 kVA
Generator Type	Mobile Lighting Tower
Power factor	1.0
Frequency	50 Hz.
Voltage	230V

### GENERAL ENGINE DATA

Engine Brand	Perkins
Engine Model	403A-11G
Engine Type	3-Cylinder
Prime Power (kW)	9.2 kW
StandBy Power (kW)	10 kW
Air intake type	Naturally aspirated
Cooling mode	Water
Governor mode	Mechanical governor
Bore x Stroke (mm)	77mm x 81 mm
Rated speed (rpm )	1500 RPM
Displacement (L)	1,131
Description	Mobile Lighting Tower

### GENERAL DATA

Controller Brand	DeepSea -DSE4520
Structure Type	Mmobile Lighting Tower
AVR	Constant voltage AVR
Excitation Mode	Self Excitation
Fuel Type	Diesel
Recommended Oil	15W40

### ALTERNATOR DATA

Alternator Brand	STAR
Protection Class	IP23
Rated Current (A)	29 Amps
Pole Number	4
Phase Number	Single Phase

### LIGHTING & TRAILER

Standard Lights	4x1 50W LED Lights (Upgradeable)
Sockets	1 x 16A
Mast Type	4,5m Telescopic Mast (Manual)
Max Tow Speed	100 kph
Public Roads Use	Yes

### DIMENSIONS & TANK

L x W x H - mm	2850x1400x2100
Weight	800kgs
Tank Capacity	150L
Cons. 50% Load	1.7 l/h
Cons. 75% Load	2.5 l/h
Cons. 100% Load	3.3 l/h



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### PERFORMANCE

Prime power (PRP)	8.0 kVA
Standby power (LTP)	8.8 kVA
Generator Type	Mobile Lighting Tower
Power factor	1.0
Frequency	50 Hz.
Voltage	230V

### GENERAL ENGINE DATA

Engine Brand	YangDong
Engine Model	YD385D
Engine Type	3-cylinder 4-stroke
Prime Power (kW)	11
StandBy Power (kW)	12
Air intake type	Natural
Cooling mode	Water cooling
Governor mode	Mechanical
Bore x Stroke (mm)	80X90
Rated speed (rpm )	1500 RPM
Displacement (L)	1,532
Description	Mobile Lighting Tower

### GENERAL DATA

Controller Brand	DeepSea-DSE3110
Structure Type	Silent Mobile Lighting Tower
AVR	Constant voltage AVR
Excitation Mode	Self Excitation
Fuel Type	Diesel
Recommended Oil	L-ECD grade or 15W40

### ALTERNATOR DATA

Alternator Brand	STAR
Protection Class	IP23
Rated Current (A)	38 Amps
Pole Number	4
Phase Number	Single Phase

### LIGHTING & TRAILER

Standard Lights	4x1000W Metal Halide
Sockets	1x16A
Mast Type	Manual
Max Tow Speed	60 kph
Public Roads Use	No

### DIMENSIONS & TANK

L x W x H - mm	3150x1500x2580
Weight	1300 kgs
Tank Capacity	90L
Cons. 50% Load	1.7 l/h
Cons. 75% Load	2.5 l/h
Cons. 100% Load	3.3 l/h



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### PERFORMANCE

Prime power (PRP)	7.0 kVA
Standby power (LTP)	7.7 kVA
Generator Type	Mobile Lighting Tower
Power factor	0.8
Frequency	50 Hz.
Voltage	380 V

### GENERAL ENGINE DATA

Engine Brand	Yanmar
Engine Model	3TNV76
Engine Type	3-cylinder ,vertical
Prime Power (kW)	9,5 kW
StandBy Power (kW)	10.8 kW
Air intake type	Naturally aspirated
Cooling mode	Water-cooled
Governor mode	Mechanical
Bore x Stroke (mm)	76mmx82mm
Rated speed (rpm )	1500 RPM
Displacement (L)	1.116L
Description	Mobile Lighting Tower

### GENERAL DATA

Controller Brand	DeepSea-DSE4520
Structure Type	Mobile Lighting Tower
AVR	Constant voltage AVR
Excitation Mode	Self Excitation
Fuel Type	Diesel
Recommended Oil	15W40

### ALTERNATOR DATA

Alternator Brand	STAR
Protection Class	IP23
Rated Current (A)	10 Amps
Pole Number	4
Phase Number	Three Phase

### LIGHTING & TRAILER

Standard Lights	4x1 50W LED Lights (Upgradeable)
Sockets	2x1 6A
Mast Type	4.5m Telescopic Mast (Manual)
Max Tow Speed	100 kph
Public Roads Use	Yes

### DIMENSIONS & TANK

L x W x H - mm	2850x1400x2100
Weight	800 kgs
Tank Capacity	1.7 l/h
Cons. 50% Load	2.5 l/h
Cons. 75% Load	3.3 l/h
Cons. 100% Load	



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Generator Type	Mobile Lighting Tower
Power factor	0.8
Frequency	50 Hz.
Voltage	380V

### GENERAL ENGINE DATA

Engine Brand	Perkins
Engine Model	403A-11G
Engine Type	3-cylinder
Prime Power (kW)	9.2 kW
StandBy Power (kW)	10 kW
Air intake type	Naturally aspirated
Cooling mode	Water
Governor mode	Mechanical
Bore x Stroke (mm)	77mmx81mm
Rated speed (rpm )	1500
Displacement (L)	1,131
Description	Mobile Lighting Tower

### GENERAL DATA

Controller Brand	Deep Sea- DSE4520
Structure Type	Mobile Lighting Tower
AVR	Constant voltage AVR
Excitation Mode	Self Excitation
Fuel Type	Diesel
Recommended Oil	15W40

### ALTERNATOR DATA

Alternator Brand	STAR
Protection Class	IP23
Rated Current (A)	10 Amps
Pole Number	4
Phase Number	Three Phase

### LIGHTING & TRAILER

Standard Lights	4x1 50W LED Lights (upgradeable)
Sockets	2 x 16A
Mast Type	4.5m Telescopic Mast ( Manual )
Max Tow Speed	100 kph
Public Roads Use	Yes

### DIMENSIONS & TANK

L x W x H - mm	2850x1400x2100
Weight	800 kg
Tank Capacity	150L
Cons. 50% Load	1.7 l/h
Cons. 75% Load	2.5 l/h
Cons. 100% Load	3.3 l/h



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# STAR POWER

## PORTABLE DIESEL LIGHTING TOWERS SDG-L800D



Lighting Tower Model	SDG-L800D
Light	LED
Light Power ( W )	4*200W
Lumen ( Lm)	80000
Light Coverage (m2)	3000

Mast	
Type	Vertical Manual
Max Height ( m )	5
Rotation	360
Max.Wind Speed ( km/h )	50

Base	
Max.towing Speed ( km /h )	5
Brake	Parking Brake
Tires ( inch )	12

Dimensions & Weight ( Without Generator )	
Min.dim. ( mm )	1370x880x1950
Max.dim. ( mm )	1770x1500x5030
Package Size ( mm )	1530x960x642
Weight ( kg )	173

Engine	
Model	D400E/Diesel
Cooling System	Air
Engine Speed ( rpm )	3000
Generator Power ( kW )	4.5
Voltage / Phase	230V / 1Ph
Current ( A )	19.5
Fuel Tank Capacity ( L )	13
Running Time ( 75% Load )	12
Sound Pressure Level dB(A) @7m	62
Package Size ( mm )	960x560x790
Weight ( kg )	160

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# STAR POWER

## PORTABLE DIESEL LIGHTING TOWERS SDG-L1200D



Lighting Tower Model	SDG-L1200D
Light	LED
Light Power ( W )	4*300W
Lumen ( Lm)	120000
Light Coverage (m2)	4000

Mast	
Type	Vertical Manual
Max Height ( m )	5
Rotation	360
Max.Wind Speed ( km/h )	50

Base	
Max.towing Speed ( km /h )	5
Brake	Parking Brake
Tires ( inch )	12

Dimensions & Weight ( Without Generator )	
Min.dim. ( mm )	1370x880x1950
Max.dim. ( mm )	1770x1500x5030
Package Size ( mm )	1530x960x642
Weight ( kg )	173

Engine	
Model	D400E/Diesel
Cooling System	Air
Engine Speed ( rpm )	3000
Generator Power ( kW )	4.5
Voltage / Phase	230V / 1Ph
Current ( A )	19.5
Fuel Tank Capacity ( L )	13
Running Time ( 75% Load )	12
Sound Pressure Level dB(A) @7m	62
Package Size ( mm )	960x560x790
Weight ( kg )	160



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# STAR POWER

## PORTABLE DIESEL LIGHTING TOWERS SDG-L4000D



Lighting Tower Model	SDG-L4000D
Light	Metal Halide
Light Power ( W )	4*1000W
Lumen ( Lm)	300000
Light Coverage (m2)	4000

Mast	
Type	Vertical Manual
Max Height ( m )	5
Rotation	360
Max.Wind Speed ( km/h )	50

Base	
Max.towing Speed ( km /h )	5
Brake	Parking Brake
Tires ( inch )	12

Dimensions & Weight ( Without Generator )	
Min.dim. ( mm )	1370x880x1950
Max.dim. ( mm )	1770x1500x5030
Package Size ( mm )	1530x960x642
Weight ( kg )	190

Engine	
Model	D500E/ Diesel
Cooling System	Air
Engine Speed ( rpm )	3000
Generator Power ( kW )	5.5
Voltage / Phase	230V / 1Ph
Current ( A )	23.9
Fuel Tank Capacity ( L )	13
Running Time ( 75% Load )	7
Sound Pressure Level dB(A) @7m	68
Package Size ( mm )	960x560x790
Weight ( kg )	170



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Lighting Tower Model	SPG-L800G
Light	LED
Light Power ( W )	4*200W
Lumen ( Lm )	80000
Light Coverage ( m2 )	3000

Mast	
Type	Vertical Manual
Max Height ( m )	5
Rotation	360
Max.Wind Speed ( km/h )	50

Base	
Max.towing Speed ( km / h )	5
Brake	Parking Brake
Tires ( inch )	12

Dimensions & Weight ( Without Generator )	
Min.dim. ( mm )	1170x880x1950
Max.dim. ( mm )	1570x1500x5030
Package Size ( mm )	1530x960x642
Weight ( kg )	166

Engine	
Model	Gasoline
Cooling System	Air
Engine Speed ( rpm )	3000
Generator Power ( kW )	1.7 kW
Voltage / Phase	230V / 1Ph
Current ( A )	7.4 A
Fuel Tank Capacity ( L )	4.5 L
Running Time ( 75% Load )	8
Sound Pressure Level dB(A) @7m	62
Package Size ( mm )	550X310X483
Weight ( kg )	21



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# STAR POWER

## PORTABLE GASOLINE LIGHTING TOWERS SPG-L1200G



Lighting Tower Model	SPG-L1200G
Light	LED
Light Power ( W )	4*300W
Lumen ( Lm )	120000
Light Coverage (m2)	4000

Mast	
Type	Vertical Manual
Max Height ( m )	5
Rotation	360
Max.Wind Speed ( km/h )	50

Base	
Max.towing Speed ( km /h )	5
Brake	Parking Brake
Tires ( inch )	12

Dimensions & Weight ( Without Generator )	
Min.dim. ( mm )	1170x880x1950
Max.dim. ( mm )	1570x1500x5030
Package Size ( mm )	1530x960x642
Weight ( kg )	166

Engine	
Model	Gasoline
Cooling System	Air
Engine Speed ( rpm )	3000
Generator Power ( kW )	1.7 kW
Voltage / Phase	230V / 1Ph
Current ( A )	7.4 A
Fuel Tank Capacity ( L )	4.5 L
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Sound Pressure Level dB(A) @7m	62
Package Size ( mm )	550X310X483
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