

Lighting tower

RL6U-1b

Engine : Kohler Diesel KDW 1003

Alternator : Meccalte LT3 E



Frequency : 60 Hz

Voltage : 240/120V

Speed : 1800 rpm

Headlamps : 4 x 1000 We

Headlamps type : metal halide

Light : 400 000 lumens

Auxiliary socket : 1xGFCI 120V-20A

1xTWISTLOC 240V-30A

Tank capacity : 115 litres

Autonomy : 57.8 h (à 75% load)

Sound level : 77 db(A) @ 1 m (at 75% load)

Dimensions (Lxlxh) : 4500 mm x 1200 mm x 1700 mm

Mast high : 9000 mm

Gross weight : 825 kg

Standard equipment



9 meters telescopic mast rotating through 360°



4000 We metal halise head-lamps with one switch per light



MODYS control panel

A dedicated team...

Spare parts

Thanks to the intertional network, SDMO delivers spare parts in the best delays and prices.

Technical assistance

SDMO prides itself on our technical support to ensure all questions are answered if you encounter any difficulties with your genset, from the moment it is supplied.

Engine characteristics

MAIN DATAS	Manufacturer / Model	Kohler Diesel KDW 1003, 4-strokes, Athmo, 3 X
	Cylinder arrangement	L
	Displacement	1028 cm ³
	Bore and stroke	77,6 mm X 75 mm
	Compression ratio	22.8 : 1
	Rated RPM	1800 Rpm
	Piston speed	4.7 m/s
	Max standby power at rated RPM	7.4 kW
	Governor : type	MECA
FUEL	75% (of the PRP power)	1.7 L/h
OIL	Total oil capacity with filters	2.4 L
	Oil pressure low idle	1.5 bar
	Oil capacity carter	2.4L/h [0.52gal]
COOLANT SYSTEM	Radiator and engine capacity	4.7L

Alternator characteristics

MAIN DATAS	Manufacturer / Model	MECC ALTE, LT3 E
	Number of phase	1
	Power factor (Cos Phi)	1
	Pole : number	4
	Exciter type	Compound
	Insulation : class, temperature rise	H/H
	Voltage regulator	NO
	Bearing : number	1
	Coupling	Direct
OTHER DATAS	Continuous nominal rating @ 40°C	6.5 kVA
	Efficiency @ 4/4 load	77.5%
	Air flow	2.9 m ³ /mn

Main characteristics

- Simple and strong conception
- 3 cylinders diesel engine
- 4 poles alternator

Security

- Active securities protecting effectively the group (including oil pressing and temperature of water)
- The whole genset can be locked with a key
- Each headlamps can be moved separately

- 9 meters mastrotating at 360°
- Auxiliary socket 1xGFCI 120V-20A + 1xTWISTLOC 240V-30A
- Traffic lights

Easy to use

- Modys control panel, Simple and ergonomic integrating an hour counter
- Wide side doors of access for ease the maintenance
- More than 55 hours of autonomy