



ITALTOWER POLAR LIGHT TOWER 4x320 W MULTILED WITH SLOW TROLLEY AND STAGEV GENERATOR

Reference: POLAR_PRO02

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ITALTOWER POLAR lighting tower with Kohler KDI 1903 M StageV Diesel engine, equipped with slow towing and hydraulic lifting system with 4 multi-LED 320W projectors.

Thanks to the 4 LED projectors, the ITALTOWER POLAR is able to illuminate an area of 5000 square meters with an intensity of up to 100%. maximum brightness of 166000 lm. The lighthouse tower is equipped with a galvanized upright with hydraulic lifting system that allows the projectors to be raised to a maximum height of 8.5 m

The ITALTOWER POLAR light tower was built in 2015. equipped with **electric start** with 12 V battery, and is equipped with an electric start. equipped with **DeepSea L401 MKII** control unit which allows you to view all the electrical parameters of the engine and generator, the functions, the status of the generating set, manage the entire group and view, if any, errors or system alarms.

The slow transport trolley integrated into the structure of the light tower allows it to be transported or relocated in a very simple way. The compactness and resistance of this tower make it ideal for use in areas with extreme climatic conditions.

STAGEV EMISSION REGULATIONS

The generator set is ready for use. equipped with a "mobile" STAGEV engine, as required by European Regulation 2016/1628. These new engines make it possible to exponentially reduce the emissions of particulate matter and nitrogen oxides supplied by the generator into the environment, and guarantee a 200% reduction in environmental impact compared to standard engines.

TECHNICAL FEATURES OF ITALTOWER POLAR LIGHT TOWER

Number of lights: 4
Lamps power: 320 W LED
Lumen: 166000 lm
Illuminated area: 5000 m²
Phase type: Single phase
Maximum power: 16 KW
Voltage: 230 V
Frequency: 50 Hz
Control unit: Deep Sea L401 MKII
Socket panel: 1 x 16A 230V 3P - 1 x 32A 230V 5P
Motor : Kohler KDI 1903 M
Fuel: Diesel
Revs: 1500rpm
Refrigerant: Liquid

Emissions standard: Stage V
 Alternator: Linz CPT18 SC
 Capacity; tank: 250 l
 Autonomy: 108 h at 50% load
 Consumption: 2.3 l/h at 50% load
 Maximum height: 8.5m
 Lifting system: Hydraulic
 Rotation: 350°
 Wind resistance: 110 Km/h
 Carriage: Slow towing trolley
 4 + 1 stabilizers (wheels)
 Closed dimensions (LxWxH): 3200 x 1500 x 2500 mm
 Open dimensions (LxWxH): 3200 x 1500 x 8500 mm
 Dry weight: 1100 Kg

Are you looking for a light tower with different characteristics? [HERE](#) you can find the entire range of ITALTOWER towers or other specialized brands.

The images and technical data are not binding and may be subject to revisions by the manufacturer

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	16
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	1 x 16A 230V 3P - 1 x 32A 230V 5P
Engine	Kohler KDI 1903 M
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Number cylinders	3
Cooling	Coolant Liquid
Alternator	Linz CPT18 SC
Type of lamps	LED
Lamps	4 x 320 W
Telescopic pole	Vertical
Illuminated area (m ²)	5000
Total lumens (Lm)	166000
Lifting System	Hydraulic lifting system
Maximum height (m)	8.5
Mast rotation	350°
Open size (mm)	3200 x 1500 x 8500

Closed size (mm)	3200 x 1500 x 2500
With generator / Without generator	With generator
Transportability	Slow Trailer
Stability to wind (Km/h)	110
Fuel tank capacity (L)	250
Consumption (L/h)	2.3 at 50% load
Running time (h)	108 at 50% load
Voltage regulator	AVR
Engine manufacturer	Kohler
Weight (Kg)	1100