



# ITALTOWER POLAR LIGHT TOWER 6x320 W MULTILED WITH SLOW TROLLEY AND STAGEV GENERATOR

Product price:

**23,000.00 € tax excluded**

## Product description:

### ITALTOWER POLAR LIGHT TOWER 6x320 W MULTILED WITH SLOW TROLLEY AND STAGEV GENERATOR

ITALTOWER POLAR lighting tower with Kohler KDI 1903 M StageV Diesel engine, equipped with slow towing and hydraulic lifting system with 6 multi-LED 320W projectors.

Thanks to the 6 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: 6

Lamps power: 320 W LED

Lumen: 166000 lm

Illuminated area: 5000 m<sup>2</sup>

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

**Product features:**

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: 6 x 320 W

Telescopic pole: Vertical

Illuminated area (m<sup>2</sup>): 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

