



## Italtower Polar Tower Lighthouse 4x320W Multiled with StageV Generator Trolley

Reference: POLAR13KVA

### Italtower Polar Tower Light 4x320W Multiled with Carello Generator StageV

Italtower Polar Tower Light 4x320W Multiled with Carello Generatore StageV: Powerful and versatile lighting for every need

Italtower Polar Tower Lighthouse 4x320W Multiled with Carello Generatore StageV is a professional mobile lighting system designed to guarantee exceptional brightness and prolonged autonomy even in the most demanding conditions. Thanks to its power, versatility and ease of use, this Italtower Polar light tower is the ideal solution for construction sites, outdoor events, emergencies and any other application requiring powerful, mobile lighting.

Technical Features:

**Powerful Lighting:** Equipped with 4 powerful LED lamps of 320W each, the Italtower Polar guarantees uniform and intense lighting over an area of more than 5000 square metres.

**Integrated Generator:** The Stage 5 emission-compliant Yanmar 3TNV88-F diesel generator ensures reliable and silent operation, powering both the lamps and the lifting system.

**Telescopic pole:** The galvanised telescopic pole, with a maximum height of 8.5 metres, allows the light to be directed precisely to the desired area and to overcome any obstacles.

**Mobility and Versatility:** Thanks to the road trolley, the light tower is easily transportable and can be positioned wherever it is needed. The 350° pole rotation system offers maximum lighting flexibility.

**Extended Autonomy:** The 240-litre fuel tank provides extended autonomy, reducing the need for frequent refuelling

**Strength and Durability:** Made of high quality materials, the Italtower Polar light tower is designed to withstand the harshest weather and working conditions.

**Safety:** The hydraulic lifting system and safety devices ensure stable and safe operation, even in strong winds.

#### STAGEV EMISSION REGULATIONS

The light tower generator is equipped with STAGEV 'mobile' motorisation, as required by European Regulation 2016/1628. These new engines allow an exponential reduction in particulate and nitrogen oxide emissions from the generator into the environment, and guarantee a 200% reduction in environmental impact compared to standard engines.

TECHNICAL CHARACTERISTICS Italtower Polar TORRE FARO 13KVA

Fuel Diesel

Frequency (Hz) 50

Voltage (V) 230 / 400

Socket configuration CEE IP67: n.1 3P 16A + n.1 5P 32A

Motor Yanmar 3TNV88-F

Engine speed (rpm) 1500

Number of cylinders 3

Liquid-cooled

Alternator Linz CTPI8MD

Lamp type MULTILED

Telescopic galvanised pole

Illuminated area (m<sup>2</sup>) 5000

Total lumens (Lm) 179,200

Elevation Hydraulic lifting system

Maximum height (m) 8.5

Wind stability (Km/h) 110

Fuel tank capacity (L) 240

Consumption (L/h) 2.25

Weight (Kg) 1200

Pole rotation 350

Truck transportability

AVR voltage regulator

Yanmar engine

Lamps 4 x 320 W

With generator / Without generator With generator

Emissions stage 5

Operating temperature -40/+50

ComAp LTC80 control unit

Power output 13 kv

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

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

## Technical Sheet

Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	CEE IP67: n.1 3P 16A + n.1 5P 32A
Engine	Yanmar 3TNV88-F
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Number cylinders	3
Cooling	Liquid
Alternator	Linz CTPI8MD
Maximum height (m)	8.5
Type of lamps	MULTILED
Lamps	4 x 320 W
Telescopic pole	Galvanized
Illuminated area (m <sup>2</sup> )	5000
Total lumens (Lm)	179.200
Lifting System	Hydraulic lifting system
Mast rotation	350°
With generator / Without generator	With generator
Transportability	Carello Stradale
Stability to wind (Km/h)	110
Fuel tank capacity (L)	240
Consumption (L/h)	2.25
Control unit	ComAp LTC80
Voltage regulator	AVR
Engine manufacturer	Yanmar
Weight (Kg)	1200
stabilisers	4 + 1 (wheel)
Operating temperature	-40/+50
Power output	13 kva

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Base

Catch basin 110%

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