

## VT-Solar Manual light tower

The ultimate in ecology, with compact dimensions and easily transportable. The new **VT-Solar Manual** mobile lighting tower is powered by three solar panels and guarantees great brightness performance and long battery life. An easy control panel and the possibility of connection to an external power source for recharging even in the absence of sunlight, make this lighting tower a product of simple use and great flexibility.

### How it works:

The **built-in AGM battery pack** can be recharged either by the internal inverter powered by the standard **3x330Wp solar panels** or by an inlet socket to be connected directly to the Mains or another external power source. The energy stored in the batteries ensures the full functionality of the LED floodlights. The average battery operating time with all LED floodlights switched on is estimated to be around **17 hours**, with 8h of recharging time (with generator, power grid, or during sun peak hours – best average).

### Generac LED floodlights

4x100 W high-efficiency **New G4 LED floodlights** designed by Generac Mobile®.  
Option: adjustable light power output from 25% to 100%.

### Control panel:

The control panel includes:

- Battery monitoring device
- Battery low voltage alarm
- Fuse for DC protection
- Inverter alarm
- Hour-counter
- RCD-MCB circuit breaker
- Mains circuit breaker
- Lamps circuit breaker
- Main system On/Off switch
- Solar panels circuit breaker
- Digital timer (option)
- Darkness sensor (option)
- Selector switch for manual mode / digital timer / darkness sensor (option)
- Advanced digital controller (option)

Every circuit breaker is provided with differential protection.



*Picture shown may not reflect actual configuration.*

VT-Solar Manual	Technical Data
Minimum dimensions (L x W x H)	2983 x 1386 x 2474
Maximum dimensions (L x W x H)	3514 x 3059 x 6500
Weight	1000
Lifting system	Manual
Mast rotation	340°
Wind speed resistance	80 km/h
Battery nominal capacity	11 kWh
Battery recharging time	8 h (power grid)
Battery running time	17 h
Lamps power	4 x 100W
Lamps type	G4 LED
Illumination flux	60000 Lm
Illuminated area	2100 m <sup>2</sup>
Solar panels power	3 x 330Wp
Solar panels inclination angle	min. 0° / max. 35°
CEE 16A inlet plug	√



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