

## VT-Solar Hydraulic light tower

The ultimate in ecology, with compact dimensions and easily transportable. The new **VT-Solar Hydraulic** 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 **3x400Wp 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 **from 20 to 50 hours** depending on the light output power, with 8h of recharging time (with generator, power grid, or during sun peak hours – best average).

VT-Solar Hydraulic can also be connected to Solar Kit PRO to reach a total recharging capacity of 2.2 kWp

### Generac LED floodlights with adjustable light power

4x100 W high-efficiency **New G4 LED floodlights** designed by Generac Mobile®. Special version with 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
- Up/Down button for hydraulic mast
- 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 HYDRAULIC

Hydraulic mast

LIGHT TOWERS  
ELECTRIC LINE

**GENERAC** | MOBILE

SPECIFICATIONS

VT-Solar Hydraulic	Technical Data			
Minimum dimensions (L x W x H)	3576 x 1385 x 2406			
Maximum dimensions (L x W x H)	3733 x 3104 x 8147			
Weight	1150			
Lifting system	Hydraulic			
Mast rotation	340°			
Wind speed resistance	80 km/h			
Battery nominal capacity	11.5 kWh			
Battery recharging time	8 h (power grid)			
Dimmer switch	25%	50%	75%	100%
Battery running time	50 h	40 h	30 h	20 h
Lamps power	4 x 25W	4 x 50W	4 x 75W	4 x 100W
Lamps type	G4 LED	G4 LED	G4 LED	G4 LED
Illumination flux	15000 Lm	30000 Lm	45000 Lm	60000 Lm
Illuminated area	1200 m <sup>2</sup>	1800 m <sup>2</sup>	2300 m <sup>2</sup>	2800 m <sup>2</sup>
Solar panels power	3 x 400Wp			
Solar panels inclination angle	min. 0° / max. 35°			
CEE 16A inlet plug	√			
Multipin inlet plug	√			



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