

VT-Hybrid light tower

The **VT-Hybrid light tower** is the first hybrid light tower in the world. It is equipped with 4x150W high efficiency LED floodlights powered by a rechargeable battery pack. This light tower guarantees a great reliability and a perfect sustainability. Mobile version with site-tow or road trailer.

Battery pack

The VT-Hybrid provides up to 8 hours of continuous operation without carbon dioxide emissions, fuel consumption nor noise, thanks to the **battery pack**. The special dry batteries are able to be recharged in less than 5 hours and have a 100% guaranteed charge/discharge cycle of more than 4000 cycles. The batteries can be recharged from either an external power source or from the built-in backup generator.

Backup generator

When the VT-Hybrid light tower has utilized all of the stored energy from the battery pack, the diesel **backup generator** will automatically start, providing all the energy required to power the lamps and at the same time recharging the battery pack. When the battery pack is fully recharged, the generator will automatically turn off.

MPnano digital controller

The VT-Hybrid is equipped by a MPnano digital controller studied to manage every function of the hybrid system.

Generac LED lamps

LED lamps 4 x 150W high efficiency **LED floodlights** designed by Generac Mobile®.

Low noise and carbon dioxide emission

When the VT-Hybrid is powered through the battery pack, it is completely silent and **doesn't emit carbon dioxide** (CO₂). An ideal solution for events and working areas with low noise or CO₂ emission requirements.

The longest running time!

Thanks to the hybrid features and the LED lamps, the VT-Hybrid can run for **328 hours** without refueling.

Different types of trailer

The VT-Hybrid is equipped as standard with a site-tow trailer but as options there are available **different types of road trailers** with lights, brakes and documents for EU road homologation.



Picture shown may not reflect actual configuration.

VT-Hybrid	Technical Data
Minimum dimensions (L x W x H)	3250 x 1400 x 2440 mm
Maximum dimensions (L x W x H)	3250 x 2100 x 8500 mm
Dry weight	1230 kg
Lifting system	Hydraulic
Mast rotation	340°
Lamps power	4 x 150 W
Lamps type	LED
Total lumen	76500 lm
Illuminated area	2500 m ²
Engine	Yanmar L70N
Engine cooling	Air
Cylinders (q.ty)	1
Engine speed (50/60 Hz)	3000 / 3600 rpm
Liquid containment (110%)	√
Alternator (kVA/V/Hz)	5/220/50 – 5/240/60
Battery recharging time	6 h 15'
Battery running time	8 h
Inlet plug (A/V/Hz)	16/220/50 – 16/240/60
Avg. sound pressure	0 – 67 dB(A) @ 7m
Wind speed resistance	110 km/h
Tank capacity	160 l
Total running time	328 h



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