

## VT-HYBRID

The VT-Hybrid 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.



### MPNANO DIGITAL CONTROLLER

*A digital controller studied to manage every function of the hybrid system.*



### VT-Hybrid

TECHNICAL DATA		
Minimum dimensions (mm)	Lenght x Width x Height	3250 x 1400 x 2440
Maximum dimensions (mm)	Lenght x Width x Height	3250 x 2100 x 8500
Dry weight (kg)		1230
Lifting system	M:Manual / H:Hydraulic	H
Mast rotation (°)		340
Lamps power (W)		4 x 150
Lamps type	MH:MetalHalide / LD:LED	LD
Total lumen (Lm)		76500
Illuminated area (m <sup>2</sup> )		2500
Engine		Yanmar L70N
Engine cooling	W:water / A:air	A
Cylinders (q.ty)		1
Engine speed (RPM)	50 / 60 Hz	3000 / 3600
Liquid containment (110%)	√:Yes / ●:No	√
Alternator	kVA/V/Hz	5/220/50 - 5/240/60
Battery recharging time (h)		5
Battery running time (h)		8
Inlet plug	A/V/Hz	16/220/50 - 16/240/60
Avg. sound pressure	dB(A)@7mt	67
Wind speed resistance (km/h)		110
Tank capacity (liters)		160
Total running time (h)		665

## 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 guaranteed charge/discharge cycle of more than 4000 hours. The batteries can be recharged from either an external power source or from the built-in backup generator.

## BACKUP GENERATOR

When the VT-Hybrid has utilized all of the stored energy from the battery pack, the diesel 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.



## GENERAC® LED LAMPS

4x150 W high efficiency LED floodlights designed by Generac® Tower Light.

## 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 (CO<sub>2</sub>). An ideal solution for events and working areas with low noise or CO<sub>2</sub> emission requirements.

## THE LONGEST RUNNING TIME!

Thanks to the hybrid features and the LED lamps, this model can run more than 660 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.

## OPTIONS AVAILABLE

- Low speed site-tow trailer (standard)
- Road trailer type A (straight)
- Road trailer type B (foldable)
- Road trailer type C (adjustable)
- Ball hitch type 50 mm
- Eyelet hitch type 50 mm
- French hitch type 68mm for road trailer type C
- Documents for EU road registration
- Additional spare tyre with support
- Pre-heating system
- AMOSS kit
- Darkness sensor
- Digital timer
- Earth picket with 5m cable
- Plastic box for documents
- Dedicated colour
- Chalwyn valve
- Certified spark arrestor
- Hot-dip zinc coating of mast sections