

VT-HYBRID

The VT-Hybrid is the first hybrid lighting tower in the world. It is equipped with 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.



OPTIONAL HYPER LED

VT-Hybrid can be equipped with optional Hyper LED floodlights, placed on special brackets to point them in every direction.

BATTERY PACK

The VT-Hybrid is equipped with a special battery pack able to power the LED floodlights in total absence of noise and carbon emissions. Once the battery is low, the backup generator automatically starts and powers the floodlights while recharging the battery. This model can be powered also by and external power source.

Engine note: both EU Stage V and unregulated version available.

VT-Hybrid

TECHNICAL DATA			
Min. dimensions (mm)	Length x Width x Height	3040 x 1400 x 2500	
Max. dimensions (mm)	Length x Width x Height	3040 x 2100 x 8500	
Dry weight (kg)		1130	
Engine models available		Yanmar L70N	
Avg. sound pressure	dB(A) @ 7m	0 - 66	
Battery recharging time (h)		6:15	
Battery running time (h)		8	
Total running time (h)		665	
Lifting system	M:Manual / H:Hydraulic	H	
Mast rotation (°)		340	
Wind speed resistance (km/h)		110	
Lamps power (W)		4 x 120	4 x 150
Lamps type		LED	Hyper LED
Total lumen (Lm)		69600	76500
Illuminated area (m²)		2500	2500
Alternator	kVA/V/Hz	5/220/50 - 5/240/60	
Inlet plug	A/V/Hz	16/220/50 - 16/240/60	
Tank capacity (liters)		160	
Liquid containment tank (110%)	√:Yes / ●:No	√	

CONTACT US TODAY

1300 885 789 | paul@powergenaustralia.com.au
powergenaustralia.com.au

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AUTHORISED DEALER

VT-Hybrid light tower

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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 few hours 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 120W 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 **665 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.