

CUBE Hybrid light tower

The CUBE Hybrid is equipped with an hybrid powering system. The extreme compactness and the new special features make this model ideal to be used during events or areas with low noise or carbon dioxide emission requirements.

Battery pack

The CUBE 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 CUBE 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 CUBE Hybrid is equipped by a **MPnano digital controller** designed to manage every function of the hybrid system.

Bolted Frame with top accessibility

The CUBE Hybrid has a new **bolted frame** for a much better resistance to vibrations, wear and rust. It offers the best reliability and durability in the industry. 5 doors for a wider access. 4 wide doors, provide a complete access to the technical area. 1 compass-top door for safe and convenient maintenance of the engine. New adjustable locking system embedded in the machine frame. A step forward from competition standard locking system. No more removable external lockers, when CUBE+ Hybrid doors are locked, it's impossible to change position or even remove stabilizers.

Generac® LED floodlights

4x120 W high efficiency **LED floodlights** designed by Generac Mobile®.

Low noise and carbon dioxide emission

When the CUBE 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, this model can run **more than 340 hours** without refueling.

Top accessibility

5 doors for wider access. 4 wide doors, provide complete access to the technical area. 1 compass-top door for safe and convenient maintenance of the engine.

Option: Hyper LED floodlights

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



Picture shown may not reflect actual configuration.

CUBE Hybrid	Technical Data
Minimum dimensions (L x W x H)	1230 x 1160 x 2405 mm
Maximum dimensions (L x W x H)	1790 x 1735 x 8400 mm
Dry weight	1100 kg
Lifting system	Hydraulic
Mast rotation	340°
Lamps power	4 x 120 W
Lamps type	LED
Total lumen	69600 lm
Illuminated area	2500 m ²
Engine	Yanmar L70
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 – 66 dB(A) @ 7m
Wind speed resistance	110 km/h
Tank capacity	170 l
Total running time	342 h



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