

CUBE⁺ HYBRID LIGHT TOWER

CUBE⁺ HYBRID

The new CUBE⁺ Hybrid is equipped with a 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.



MPNANO DIGITAL CONTROLLER

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



CUBE⁺ Hybrid

TECHNICAL DATA		
Minimum dimensions (mm)	Length x Width x Height	1220 x 1150 x 2420
Maximum dimensions (mm)	Length x Width x Height	1790 x 1740 x 8400
Dry weight (kg)		1180
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 ²)		2500
Engine		Yanmar L70N
Engine cooling	L: Liquid / 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) @ 7m	0 - 65
Wind speed resistance (km/h)		80
Tank capacity (liters)		170
Total running time (h)		707



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BATTERY PACK

The CUBE⁺ Hybrid provides up to 8 hours of continuous operation without carbon 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 CUBE⁺ 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.

LED LAMPS

4x150 W high efficiency LED floodlights

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 700 hours without refueling.

TOP ACCESSIBILITY

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.



OPTIONS AVAILABLE

- Darkness sensor
- Digital timer
- 110V inlet plug
- Earth picket with 5m cable
- Pre-heating system
- Plastic box for documents
- Dedicated colour
- Shut-off valve
- Certified spark arrestor
- Hot-dip zinc coating of mast sections
- Insulation monitoring device
- Remote controller (telemetric)
- Remote emergency stop controller



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