

# HYDRO POWER BOX HYBRID

The Hydro Power Box is now available in the innovative hybrid configuration! Thanks to its high safety features, the Hydro Power Box Hybrid is a light tower ideal for illuminating live events like concerts and sport matches, even placed near the public.



## MPNANO DIGITAL CONTROLLER

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



## HPB Hybrid

TECHNICAL DATA		
Minimum dimensions (mm)	Lenght x Width x Height	1204 x 1200 x 2550
Maximum dimensions (mm)	Lenght x Width x Height	1204 x 1200 x 8300
Dry weight (kg)		1194
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 (m²)		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	0 - 66
Wind speed resistance (km/h)		80
Tank capacity (liters)		300
Total running time (h)		1248

## BATTERY PACK

The HPB 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 HPB 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 HPB 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 1200 hours without refueling.

## TOP ACCESSIBILITY

The HPB has two large doors to easily reach the technical area. The lamps can be easily adjusted by using the ladder included in the machine.



## OPTIONS AVAILABLE

- Darkness sensor
- Digital timer
- 110V inlet plug
- Earth picket with 5m cable
- Pre-heating system
- Plastic box for documents
- Dedicated colour
- Chalwyn valve
- Certified spark arrestor
- Hot-dip zinc coating of mast sections