

Hydro Power Box Hybrid light tower

The **Hydro Power Box Hybrid light tower** is the **hybrid configuration** of the Hydro Power Box model. 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.

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 100% guaranteed charge/discharge cycle of more than 4000 cycles. The batteries can be recharged from either an external power source or from the built-in backup generator.

Backup generator

When the Hydro Power Box Hybrid 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.

Generac LED lamps

LED lamps 4 x 150W high efficiency **LED floodlights** designed by Generac Mobile®.

Low noise and carbon dioxide emission

When the Hydro Power Box 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 Hydro Power Box Hybrid can run **more than 580 hours** without refueling.

Top accessibility

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



Picture shown may not reflect actual configuration.

HYDRO POWER BOX HYBRID

LIGHT TOWERS
GREEN LINE

GENERAC | MOBILE

SPECIFICATIONS

Hydro Power Box Hybrid	Technical Data
Minimum dimensions (L x W x H)	1150 x 1150 x 2500 mm
Maximum dimensions (L x W x H)	1150 x 1150 x 8300 mm
Dry weight	1194 kg
Lifting system	Hydraulic
Mast rotation	340°
Lamps power	4 x 150 W
Lamps type	LED
Total lumen	76500 lm
Illuminated area	2500 m2
Engine	Yanmar L70N
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	5 h
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	80 km/h
Tank capacity	247 l
Total running time	585 h



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