

DESCRIPTION

PB 4 is a zero emission and zero noise generator designed to satisfy boat hotel services or as a range extender for electric boats.

It has a peak power of 4 kW and a continuous power of 2 kW - 230 V single phase.

It consists of a methanol fuel cell and 4 lithium batteries. Inside the canopy there is a 10 l methanol tank which provides 11 kWh of energy. With an average load of 1.5 kW the generator can ensure 10 hours of autonomy in total silence without refueling.

TECHNICAL SPECIFICATIONS

METHANOL FUEL CELL

Nominal power:	125 W
Nominal voltage:	12 V DC / 24 V DC
Nominal current:	11.90 A / 6 A
Methanol composition:	0.9 L/kWh

INVERTER

Nominal power:	2 kW
Peak power:	4 kW
Output voltage:	230 V AC (single phase)
Output frequency:	50 Hz

TECHNICAL SPECIFICATIONS

BATTERY PACK 4 kWh

Nominal voltage:	12.8 V DC
Continuous discharge current:	420 A
Max discharge current:	1200 A
Charging current:	208 A
Battery type:	LiFePo 4

