

IP40

HVIL

CE

AUTOMATED ENERGY MANAGEMENT

The OneBox Energy centralizes all energy flows : shore power, solar, generator, and battery storage into a single unit. It automatically manages distribution, minimizes generator runtime, and delivers stable DC power to all onboard systems. Three output connectors allow additional options such as inverter 230VAC or direct DC bus. Several units can be connected in parallel to scale capacity with the vessel.

100A DC/DC

24V BI DIRECTIONAL

2x50A

152 kWh

MAX STORAGE

1 x 21kWh to 4 × 38 kWh

3 × 6 kW

AC OUTPUT

50/60 Hz with external inverter

32 kW

MAX GENSET POWER

415-480 VAC



SPECS

VALUE

Input battery capacity 1 x 21kWh to 4 × 38 kWh

Input battery charger [kW] up to 2x6kW

Input generator Voltage [VAC] 415-480

BI directional DC/DC [A] 2 x 50A (24V)

230V AC output up to 3 X 6kW with external inverter

Weight [Kg] 50

Dimensions H x W x D [mm] 700 x 700 x 282

Cooling system air

Battery

1x21kWh up to
4x38kWh

Generator

415 | 480 Vac
Up to 32kW

