

Electrical power on demand Without a running generator

Improve your carbon footprint

OctoPower



Enjoy Green Energy

OctoPower 3 kW

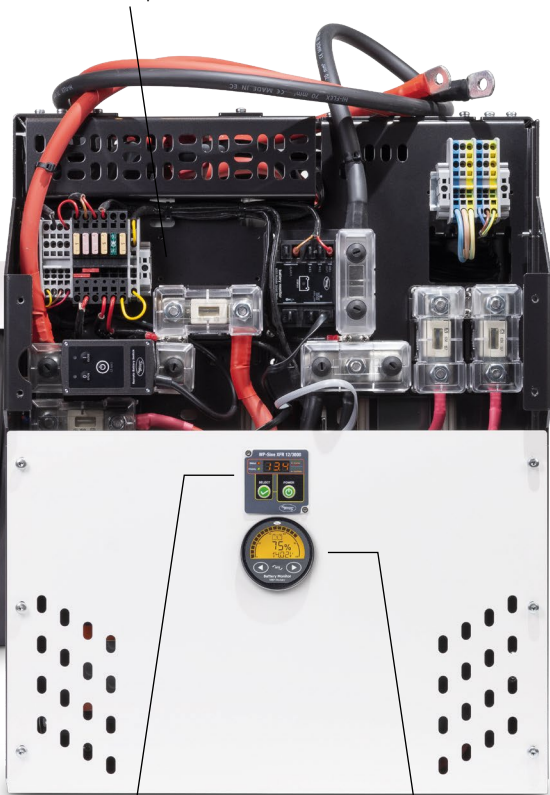
"Generator without engine"

DC Connection Console

- Flexible position in the boat
- Fast-connect to power electronics pack
- Fuses and DC-switch included

Power-Electronics Pack

- 3 kW Inverter
- 60 Amp battery charger from shore (90-265 VAC)
- Engine to Ion battery charging (100 A)
- Solar to Ion battery input
- Pre-wired including fuses
- AC output to on-board comfort



Lithium-Battery Pack Available kWh capacity

- 3.8 kWh
- 5.1 kWh
- 7.6 kWh
- 10.2 kWh

On/Off switch

Battery consumption meter (Option: NMEA 2000 connection)

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General description

Battery-based power system for the provision of AC power (DC power is optional). Consists of one power electronics module and one or two Lithium battery packs. All components have been pre-installed/ mounted in the WhisperPower factory. This unit is supplied as an easy plug and play installation, with connections to: AC power (land/shore) input, solar panel(s) input, connection to outboards or inboard starter battery or vehicle starter battery. The maximum charge power from this source is 1 kW (100 Amps / 12 V). There are outlets for 230 VAC and (optional) 12 VDC. An 120 VAC 60 Hz output is also available.



Applications

Marine - diesel or gasoline generator replacement, 230 V 50 Hz (120 V 60 Hz) power source for:

- Air conditioning, 6.000 – 16.000 Btu.
- Electric hob, cooking, oven, microwave, entertainment
- Coffee machine (Nespresso, Dolce Gusto, Senseo), water cooker
- Various household equipment, cell phone/ laptop chargers



Optional

To power 12 VDC consumers



Important Accessories

Solar modules



Flex WP-Flex 100 TC

- Art.Nr. 60110437
- 100 Watt
- 546 x 1109 mm

Flex WP-Flex 124 TC

- Art.Nr. 60110438
- 124 Watt
- 683 x 1046 mm



Rigid WP-185 WP

- Art.Nr. 60110402
- 185 Watt
- 676 x 1482 mm

Rigid WP-310 WP

- Art.Nr. 60110439
- 310 Watt
- 992 x 1640 mm

Installation parts



Boote Polch

"Perfect power solution to operate A/C and other comfort appliances"



We recently had a conversation with Patric Polch, owner of Boote Polch, in Traben Trarbach, in the heart of the Moselle region, in Germany. Boote Polch is a renowned shipyard that imports a number of boat brands including Nimbus, Axopar, Paragon and Brabus. All of them are sportive boats, mostly sailing all over Europe. A few months ago we delivered to Boote Polch one of our new zero-emission power systems, the OctoPower 3, with a 230 V - 50 Hz power output of 3 kW and a battery capacity of 10 kWh.

"Immediately after delivery, I installed the system in our 41 ft day-cruiser, equipped with 2 outboard motors. I had the yacht transported to the Mediterranean Sea, at the beginning of August, to test sail this beautiful new boat, equipped with this promising OctoPower 3 system. I mounted three solar panels and linked the two outboard motors to the WhisperPower system. We sailed intensively for a fortnight, hardly ever went ashore, so no land connection and anchored a lot. It was warm, but the air conditioning provided coolness. We had enough power to keep it nice and cold. The drinks stayed cool and

to cook with our 230 V electrical induction hob was better than we ever expected. We hardly went out for dinner during this covid-19 time.

I am convinced that the OctoPower 3 is a perfect alternative to a diesel generator for this type of boat. I also told this to my suppliers, including Axopar. The WhisperPower system is quiet, powerful, retains power for a long time and quickly recharges via the outboard alternators."

Patric Polch | *owner of Boote Polch*

The OctoPower 3 system is on the option list at Brabus and Axopar.

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OctoPower 3	OctoPower 3 12 VDC
Article number Power-Electronics Pack	42001210
Article number Lithium-Battery Pack 5.1 kWh	42001240
GENERAL SYSTEM SPECIFICATIONS	
Inverter power / zero-emission modus	3.0 kVA (6 kVA peak)
Inverter output voltage / Hz (117 VAC - 60 Hz Optional)	230 V 50 Hz +/- 0.01%
DC charging / grid input	60 A
AC voltage / grid input (or auxiliary genset)	90 – 265 VAC, 47 – 63 Hz
DC SYSTEM SPECIFICATIONS	
Battery type	ION Power Basic 2000-4000 cycles
DC voltage	12 VDC
Battery charger output	60 A
Solar charger output MPPT	1 x 50 A - 12 VDC
DC-DC booster / converter	2 x 50 A - 12 VDC = 100 A
Power sharing / DC control	N/A
Connectable to	2 Outboard engines, 2 inboards
SINE WAVE INVERTER SPECIFICATIONS	
Model	WP – Sine XFR 12 / 3000
Power rating	0 – 6000 VA Max, 3 kVA cont. at 25 C
Stand-by consumption	1.6 W
Efficiency	93%
Power of transfer switch	3 KW
BATTERY SPECIFICATIONS	
Battery chemistry	Lithium Basic LiFe Po4
Capacity in kWh (Selectable)	3,8 - 5,1 - 7,6 - 10,2 kWh
Nominal voltage	12 VDC
MONITORING & CONTROL READ OUT	
Panel model & size	WBM Battery Monitor - Smart Shunt
Read-out information	DC V/A/Time remaining / SOC
Remote monitoring via UTP / Router / Cell Phone	Bluetooth / App
MECHANICAL SPECIFICATIONS (MODULAR VERSION)	
Battery pack size (h x w x d in mm)	300 x 488 x 720 (5,1 kWh)
Power electronics pack size (h x w x d in mm)	277 x 480 x 600

(*) Specifications may be changed without prior notice

Read-Out monitoring by

- Accurate Ah Battery Monitor



- Ion Battery App





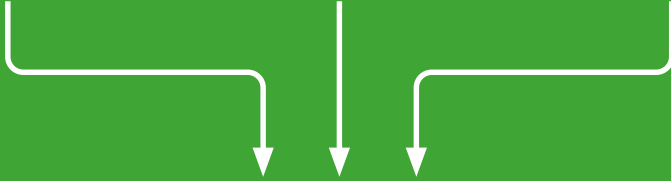
Solar



Out- or inboard engine



Shore- Grid power



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▲ Lithium-Battery Pack

- 3.8 kWh
- 5.1 kWh
- 7.6 kWh
- 10.2 kWh

◀ Power-Electronics Pack



Pure Sinewave
AC Power



Air-conditioning

Cooking Hob

Comfort Equipment

Proudly powered by WhisperPower

Some of our references

AXOPAR



CobraYachts



BRABUS



Sunbeam



Windy



Enjoy Green Energy

octopower.com