

OctoPower

Low emission off-grid power systems

Marine



Mobile



Off-Grid



Low
Emission
Carbon
Neutral



Enjoy Green Energy

krakenpower.com

The background of the entire page is an underwater scene. A large octopus is visible on the right side, its head and tentacles partially submerged. The water is a deep blue, and there are some rocky structures on the left. The overall tone is serene and natural.

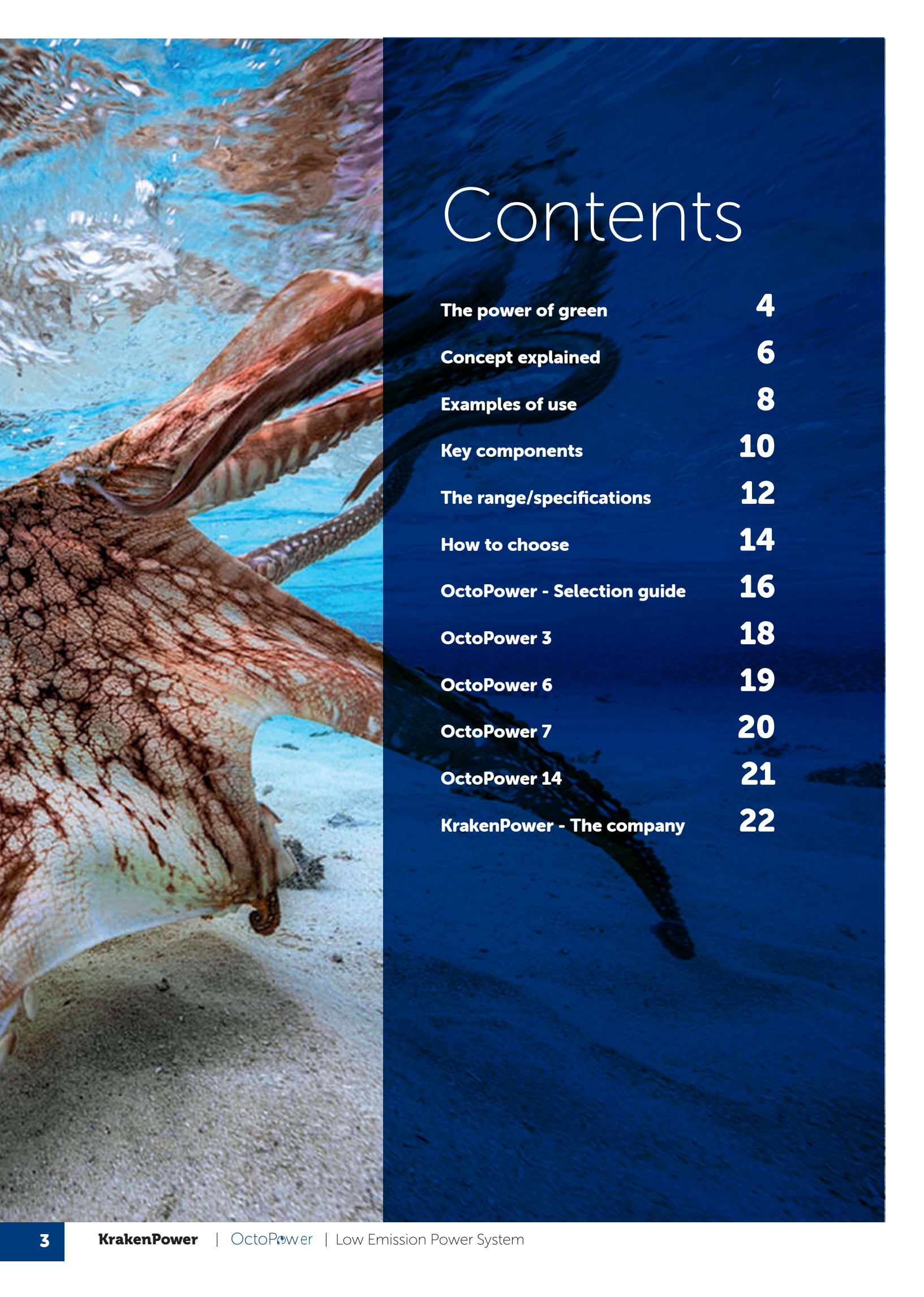
OctoPower

Enabling A Greener Future

Established in 2007, with their headquarters in Drachten, the Netherlands, WhisperPower's ongoing mission is to deliver grid-independent power systems supporting a cleaner and brighter future.

Founder and CEO Roel ter Heide's philosophy is that off-grid power generation should be as near silent as possible, whilst also being fully self-contained and eco-friendly. They should be able to deliver electrical power of any kind, be incredibly efficient and very easy to use. This outlook was captured within the company name 'WhisperPower', as it rolled out the first edition of low-emission hybrid diesel generators in 2010, whose quiet-running and fuel efficiency made an immediate impact on marine, mobile and off-grid applications.

With the introduction of OctoPower, the company is contributing to a greener all electric future, by offering high class, proven power systems needed to effortlessly harness all forms of power generation from 2 – 32 kW, with strongly reduced CO₂ pollution.

The background of the page is a composite image. The left side shows a close-up of a kraken's head and tentacles, with a brownish, textured skin and sharp teeth, set against a blue, watery background. The right side is a solid dark blue background with a faint, large-scale pattern of a kraken's tentacles.

Contents

The power of green	4
Concept explained	6
Examples of use	8
Key components	10
The range/specifications	12
How to choose	14
OctoPower - Selection guide	16
OctoPower 3	18
OctoPower 6	19
OctoPower 7	20
OctoPower 14	21
KrakenPower - The company	22

OctoPower



OctoPower systems reduce CO₂ emissions up to 80%



OctoPower helps to stop wasting energy



OctoPower is an effective way for boat owners to save costs



OctoPower stops using diesel generators unnecessarily

The Power of Green

Improve your carbon footprint



Our OctoPower systems provide electrical power at locations where electrical power is not available as standard.

Battery Storage & Solar/ Power

The heart of the OctoPower system is a durable power storage, made from Lithium Ion or long life lead-acid battery technology, charged by solar and/or windpower.

Super Inverter

Low voltage battery power is now utilised by the WhisperPower Super Inverters, ranging from 3 kVA to 32 kVA single or three phase electrical power. The Super Inverter now supplies 120 or 230 volts to the power system.

Super Charger

The WhisperPower Battery Storage is re-charged by one or more WhisperPower



OctoPower 3

Generator replacement system for small craft

- 230 VAC, 50 Hz (120 VAC 60 Hz) to operate the airco system (and more)
- OctoPower 3 be connected to up to 3 outboard motors
- Between 1.2 - 1.8 kW charging power from the outboards (12 VDC)
- Lithium Power storage from 5.1 – 10.2 kWh
- Connects to solar and shore

Super Fast Chargers. Normally this Super Charger is connected to the main (or shore) power. But when main or shore power is not available, we can charge with solar or windpower.

Ultra silent WhisperPower Generator

Back-up power is available from one of the many silenced diesel generators, either with

DC or AC output. Power rating from 4.4 kVA – 50 kVA. Perfect system integration.

Monitoring and Control

WhisperCare monitoring and control safeguards a fully controlled and perfectly managed power system.

OctoPower

1 kW

3 kW

6 kW

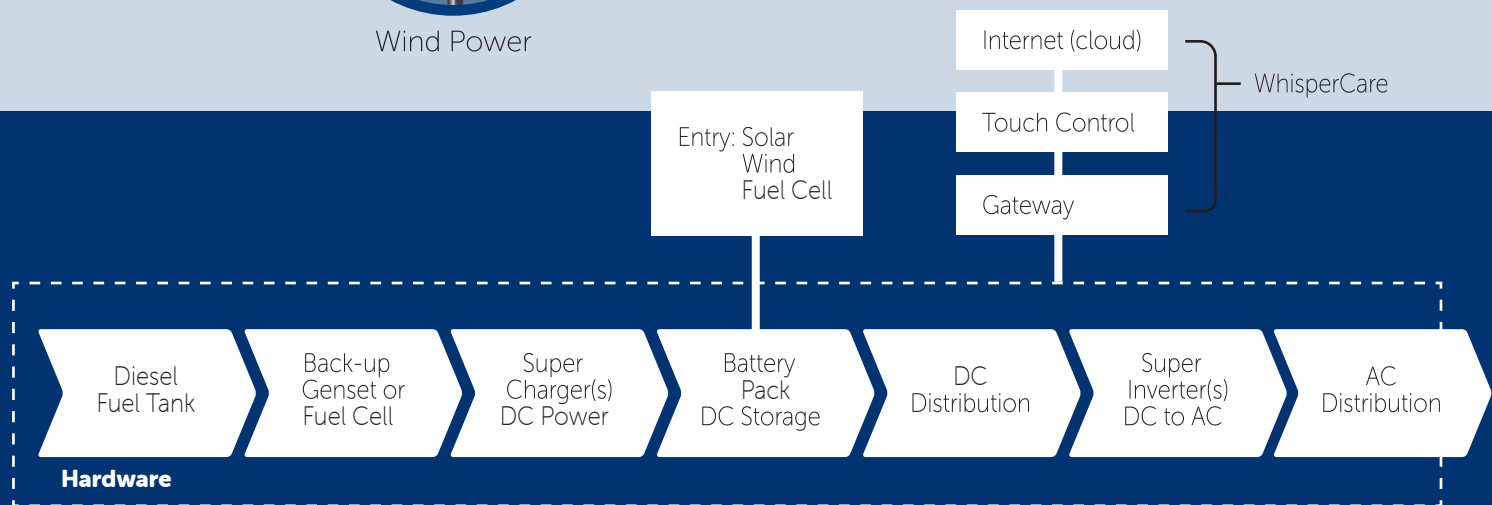
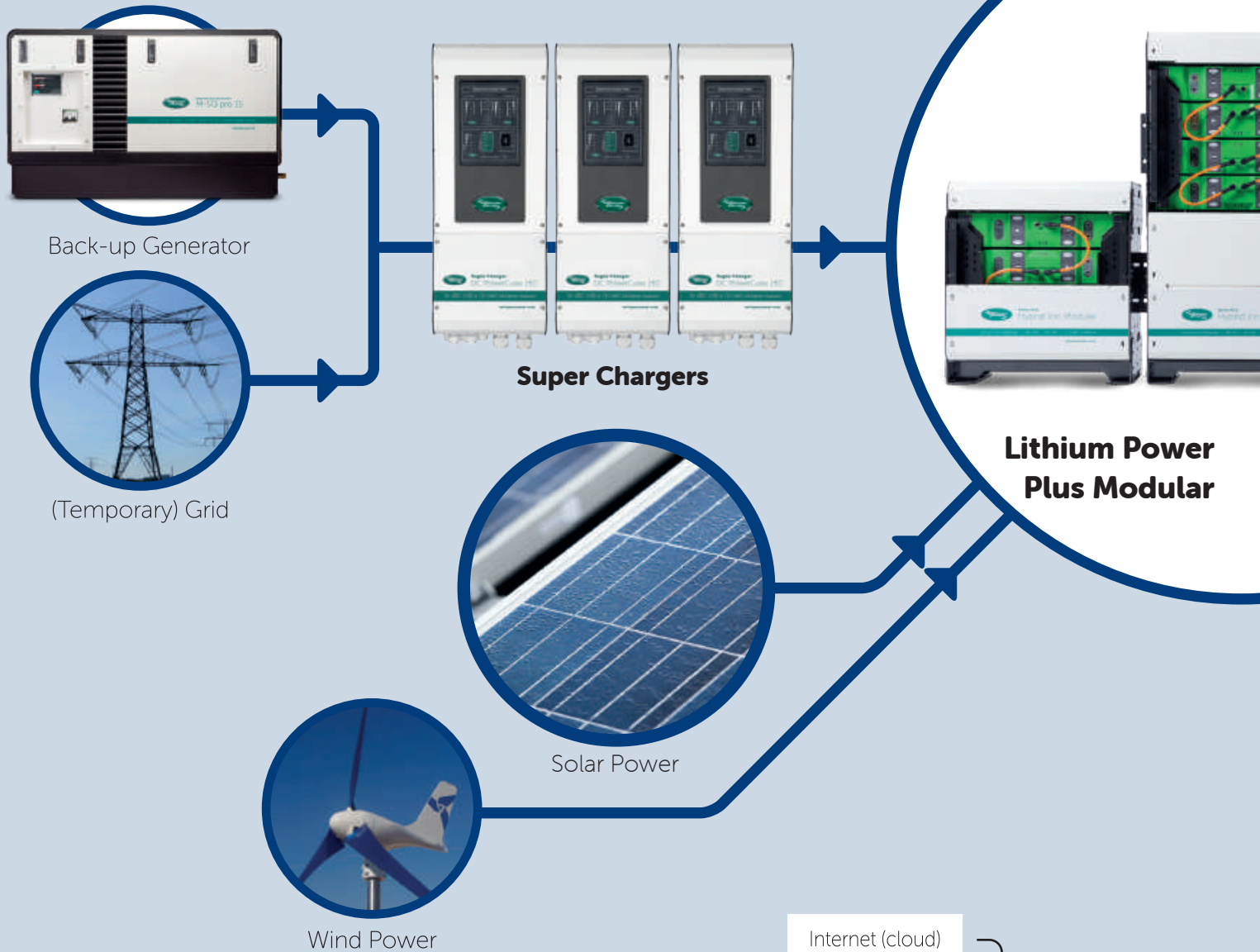
7 kW

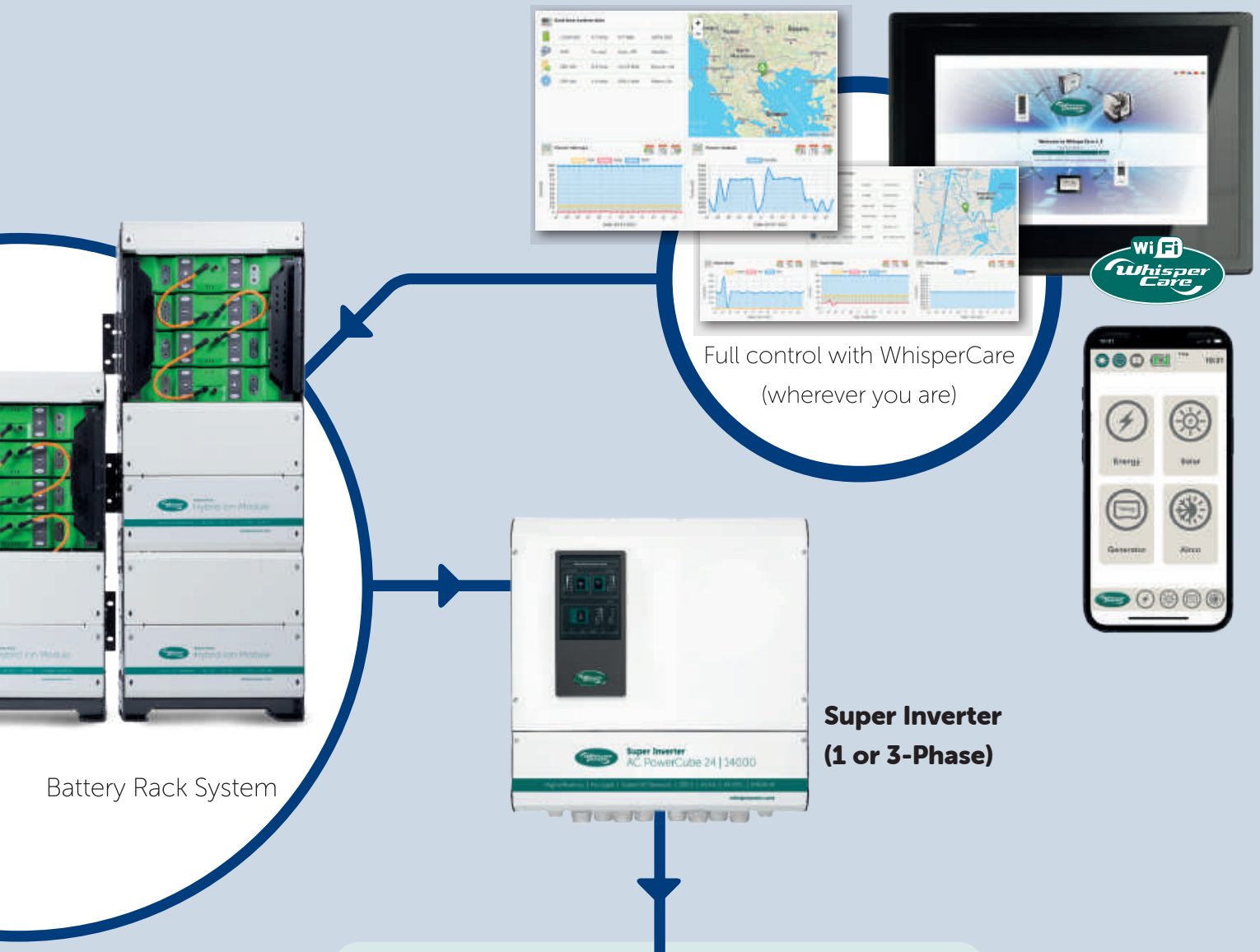
14 kW

16 kW

32 kW

Concept explained





Applications

- Durable DC storage solution
- Generator emission reduction
- Peakshaving for power systems
- Electrical power for e-mobility
- Electrical power for e-propulsion

AC
Appliances



RVs, Horse Boxes, Expedition Trucks

There is a wide choice of OctoPower systems, from 3 kW to 14 kW output power with smart integration of the truck's engine, solar roof and land power. Enjoy life without compromises to comfort and safety. For example, the zero-emission **OctoPower 6**, an all-in-one system with underfloor mounting. *See page 19*

The New Style of Yachting

We have a wide choice of systems, from 3 kW to 32 kW or more, with silent, clean and efficient power generation, ideal for day cruisers, motor

yachts, sailing boats and other small craft. Our **OctoPower 3 kW** is a perfect non-engine based power system to operate A/C and various household equipment - a home from home. *See page 18*



Power solutions for firestations

Utility grid-independent power to operate all station equipment, makes the **OctoPower 14+** an ideal choice. With Lithium batteries charged by the solar roof, and single/three phase Super Inverters powering the AC appliances. Heating and cooling is taken care of by the OctoPower-operated geothermal heat pump. No natural gas or other fossil fuels needed. *See page 21*



Specialty vehicles for commercial use

OctoPower 7+ & 14+ or our 3 phase 16 kW versions can replace the classic diesel generators. With non-stop power, without the need for running engines, they integrate with the truck's engine and combine with a solar roof or WhisperPower Stage V low-emission back up generator. These come with full remote monitoring, control and location track-and-trace. See page 20 & 21.

Commercial Marine going Silent & Green

OctoPower is now being taken up by those professionals that have always relied on their non-stop running diesels. Single or three phase AC power can be generated with

low to zero-emissions by OctoPower, and when the WhisperPower system is integrated to the propulsion drive train - noise levels are also considerably reduced.



Large OctoPower system for a new Princess Yacht



One of the first X 80 explorer yachts, delivered to a Canadian customer, will be fitted with a hybrid generator power system, based on the new Lithium Power Plus battery systems (150 kWh in total), combined with 2 x 18 kW 3 phase inverter power. The system is based on 48 VDC and is monitored by WhisperCare. The system architecture is a result of a close cooperation with Sleipner Norway.

OctoPower

Unique Power Concept

OctoPower system solutions are entirely developed and manufactured by KrakenPower. It is the ultimate single branded "hybrid" power solution comprising a wide range of battery-based power systems from 1 kW to 32 kW.

We serve the electrical world by offering smart power supplies configured as a single "pack". Our professional or recreational customers can choose from an all-in-one pre-fabricated OctoPower, for outdoor or indoor use, or a modular configuration of high quality system parts

which have been pre-configured and tested in the factory, with DC and AC connection cables and various installation components.

An important add-on option is our cloud-based WhisperCare monitoring & control system, allowing remote access to the OctoPower. Location track-and-trace is also included.



OctoPower 3

"Generator without engine"

A 3 kW all-in-one power system designed for boats, vehicles and houses. Can be connected to the outboard or inboard engines of boats, trucks or cars and solar panels, with 3, 5, 7 or 10 kWh Lithium batteries.



OctoPower 6

"Zero emission"

A 6 kW all-in-one power system for vehicle/ underfloor/chassis mounting, can be connected to truck's engine, solar (roof) or land power. Battery capacity 10, 15 or 20 kWh of high-grade Lithium batteries. WhisperCare monitoring – track-and-trace.



OctoPower 7+

"Low emission, diesel genset back-up included"

A 7 kW all-in-one power system for boat/vessel/ vehicle, indoor mounting, can be connected to truck/ ship/boat engine, solar (roof) and land power. Diesel charge power 4, 8 or 12 kW. Battery capacity 10, 15 or 20 kWh of high-grade Lithium batteries. WhisperCare monitoring – track-and-trace.



OctoPower 14+ / 16+ / 32+

"Low emission, diesel genset back-up included"

A 14 kW all-in-one power system for boat/vessel/vehicle, indoor mounting, connectable to truck/ ship/boat engine, solar (roof) and land power. Diesel charge power 4, 8 or 12 kW. Battery capacity 15 -> 80 kWh or more. High-grade Lithium batteries. WhisperCare monitoring – track-and-trace. 16+ and 32+ version with 3-phase 16 kW output and extended solar power input. (8 kW).



Photographs: Courtesy of ProKasro, Karlsruhe



Power System, ProKasro



Control room, ProKasro

From low to zero emission

The main variations and their key features:

OctoPower 3 / 6 / 7

No diesel generator included, full connectivity to the truck/boat/vessel inboard/outboard engine alternators. Solar input = standard.

OctoPower 7+ / 14+ / 16+ / 32+

'+' stands for "Genset Added". One of KrakenPower's variable or fixed speed generators has been added as a back-up power source or as a prime power source during power consumption peak periods.



Super Chargers

DC PowerCube models offer dual input: land (90-265 VAC, 50/60 Hz) and Genverter. Fast-charging of the Lithium bank guaranteed. Our Supreme Pro Chargers are integrated into the zero-emission versions.



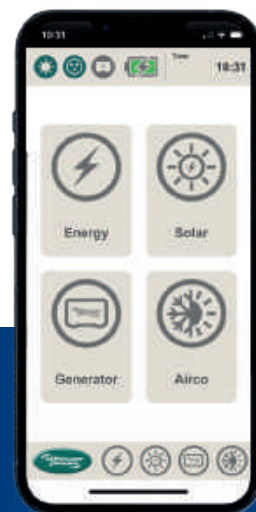
Super Inverters

AC PowerCube single or three phase inverters to convert 24 or 48 VDC into a superior pure sine wave output. Robust, silent, high peak power to start up compressors etc, power rating from 3 – 32 kW (parallel operation).



Long-Life Lithium Batteries

The heart of the OctoPower – charge/discharge cycles from 3500 – 5000, unlimited kWh capacities, industrial level of monitoring. Full protection against overcharge/discharge included.



WhisperCare

This all-new cloud-based monitoring/control and communication device allows full control over the OctoPower system, on board, in the vehicle or remotely. A perfect solution for fleet management. Instant information and/or historic. Attractive visualisation.

OctoPower

OctoPower Range*	OctoPower 3 12 VDC All-in-One	OctoPower 3 24 VDC All-in-One	OctoPower 6 All-in-One
Indoor / Outdoor	Indoor	Indoor / Outdoor	Indoor / Outdoor
Article number	42001210	42002410	—
GENERAL SYSTEM SPECIFICATIONS			
Inverter power / zero-emission modus	3.0 kVA (6 kVA peak)	3.5 kVA (9 kVA peak)	6 kVA (12 kVA peak)
Inverter output voltage / Hz (117 VAC - 60 Hz Optional)	230 V 50 Hz +/- 0.01%	230 V 50 Hz +/- 0.01%	230 V 50 Hz +/- 0.01%
DC charging / grid input	60 A	90 A	100 A
DC charging / Genverter Input	—	—	—
AC voltage / grid input (or auxiliary genset)	90 – 265 VAC, 47 – 63 Hz	187 VAC - 265 VAC VAC, 16 A max	90 - 265 VAC, 16 A max
DC SYSTEM SPECIFICATIONS			
Battery type	ION Power Basic 2000-4000 cycles	ION Power Basic 2000-4000 cycles	ION Power Basic 2000-4000 cycles
DC voltage	12 VDC	24 VDC	24 VDC
Battery charger output	60 A	90 A	100 A
Solar charger output MPPT	1 x 50 A - 12 VDC	2 x 30 A - 24 VDC	2 x 30 A - 24 VDC
DC-DC booster / converter	2 x 50 A - 12 VDC	2 x 30 A - 24 VDC	2 x 30 A - 24 VDC
Power sharing / DC control	-	Grid power 0 – 90 A, adjustable	Grid power 0 – 100 A, adjustable
SPECIFICATIONS DIESEL ENGINE			
Connectable to	2 Outboard engines, 2 inboards, car battery	Boat/Vehicle Alternator Battery	—
Diesel engine type	—	—	—
Cylinder volume	—	—	—
Fuel consumption	—	—	—
RPM rating	—	—	—
Audible noise level	—	—	—
SINE WAVE INVERTER SPECIFICATIONS			
Model	WP – Sine XFR 12 / 3000	WPC 24 / 3500	AC PowerCube 7 Super Inverter
Power rating	0 – 6000 VA Max, 3 kVA cont. at 25 C	0 – 9 kVA Max, 3 kVA cont. at 25 C	0 – 14 kVA Max, 6 kVA cont. at 25 C
Stand-by consumption	1.6 W	1.6 W	1.8 W
Efficiency	93%	93%	93%
Power of transfer switch	3 KW		Optional
BATTERY SPECIFICATIONS			
Battery chemistry	Lithium ION Basic LiFe Po4	Lithium ION Basic LiFe Po4	Lithium ION LiFe PO 4
Capacity in kWh	3,8 - 5,1 - 7,6 - 10,2 kWh	10 - 20 kWh	10 - 15 - 20 kWh
Nominal voltage	12 VDC	24 VDC, charge voltage C1 max	24 VDC, charge voltage C1 max
MONITORING & CONTROL READ OUT			
Panel model & size	WBM Battery Monitor - Smart Shunt	Touch 7	Touch 7 or Touch 10
Read-out information	DC V/A/Time remaining / SOC	DC V/A/Time remaining – AC V/A/ HZ	DC V/A/Time remaining – AC V/A/ HZ
Remote monitoring via UTP / Router / Cell Phone	Bluetooth / App	WhisperCare 1.0 - 1.5	WhisperCare 1.0 - 1.5
MECHANICAL SPECIFICATIONS (MODULAR VERSION)			
Battery pack size (h x w x d in mm)	300 x 488 x 720 (5,1 kWh)	635 x 550 x 644 (10 kWh)	635 x 550 x 644 (10 kWh)
Power electronics pack size (h x w x d in mm)	277 x 480 x 600	635 x 550 x 644	635 x 550 x 644
Genverter pack size (h x w x d in mm)	—	—	—

(*) Specifications may be changed without prior notice

1 kW

3 kW

6 kW

7 kW

14 kW

16 kW

32 kW

OctoPower 6+ All-in-One	OctoPower 7 Modular	OctoPower 7+ Modular	OctoPower 14+ Modular	OctoPower 16+ or 32+ Modular/ 3 phase
Indoor / Outdoor —	Indoor —	Indoor —	Indoor —	Indoor —
6 kVA (12 kVA peak)	7 kVA (14 kVA peak)	7 kVA (14 kVA peak)	14 kVA (28 kVA peak)	16 kVA (32 kVA peak)
230 V 50 Hz +/- 0.01%	230 V 50 Hz +/- 0.01%	230 V 50 Hz +/- 0.01%	230 V 50 Hz +/- 0.01%	3 x 380 VAC, 3-phase, 50 Hz +/- 0.01%
100 A	120 A DC (16 A)	120 A DC (16 A)	240 A	120 A
100 A	150 A DC	150 A DC	300/450 A / 24 VDC	240 A / 48 VDC
90 - 265 VAC, 16 A max	90 - 265 VAC, 16 A max	90 - 265 VAC, 16 A max	90 - 265 VAC, 32 A max	90 - 265 VAC, 48 A max
ION Power Basic 2000-4000 cycles	ION Power Plus 2000-5000 cycles	ION Power Plus 2000-5000 cycles	ION Power Plus 2000-5000 cycles	ION Power Plus 2000-5000 cycles
24 VDC	24 VDC	24 VDC	24 VDC	48 VDC (38 VDC – 68 VDC)
100 A grid or 100A Genverter,	120 A grid, 150 A Genverter, 12 V 20 A	120 A grid, 150 A Genverter, 12 V 20 A	120 A grid, 150 A Genverter, 12 V 20 A	80 A grid, 240 A Genverter, 3 x 12 V 20 A
2 x 30 A - 24 VDC	1 x 30 A or 2 x 30 A / 24 VDC	1 x 30 A or 2 x 30 A / 24 VDC	optional	Optional (2 x 800 Watt, 300-700 VDC)
2 x 30 A - 24 VDC	1 x 30 A or 2 x 30 A / 24 VDC	1 x 30 A or 2 x 30 A / 24 VDC	optional	optional
Grid power 0 – 100 A, adjustable	Grid power 0 – 120 A, adjustable	Grid power 0 – 120 A, adjustable	Grid power 0 – 240 A, adjustable	Grid power 0 – 80 A, adjustable
WP diesel W – Elite 8 - liquid cooled	—	WP diesel W or M GV2 liquid cooled	WP diesel W or M GV3 liquid cooled	WP diesel W or M GV3+, liquid cooled
KT Z482 Stage V / EPA Tier 4	—	KT Z482 Stage V / EPA Tier 4	KT D 722 Stage V / EPA Tier 4	KT D 1105 Stage V / EPA Tier 4
479 CC 2 cyl	—	479 CC 2 cyl	719 CC 3 cylinder	1123 CC 3 cylinder
1.2 – 2.5 ltr / hr full load	—	1.2 – 2.5 ltr / hr full load	1.2 – 3.0 ltr / hr full load	1.5 – 4.0 ltr / hr full load
2200 – 2800 max in rpm	—	2200 – 2800 max in rpm	2200 – 2800 max in rpm	2200 – 2800 max in rpm
59 dBA at 7 mtrs	—	50 dBA at 7 mtrs	50 dBA at 7 mtrs	50 dBA at 7 mtrs
AC PowerCube 7 Super Inverter	AC PowerCube 7 Super Inverter	AC PowerCube 7 Super Inverter	AC PowerCube 14 kVA Super Inverter	AC PowerCube 16 kVA Super Inverter, HF
0 – 14 kVA Max, 6 kVA cont. at 25 C	0 – 14 kVA Max, 7 kVA cont. at 25 C	0 – 14 kVA Max, 7 kVA cont. at 25 C	0 – 28 kVA Max, 14 kVA cont. at 25 C	0 – 32 kVA max, 16 kVA cont. at 25 C
1.8 W	1.8 W	1.8 W	2.4 W	4.4 W
93%	93%	93%	93%	93%
Optional	Optional system component	Optional system component	Optional system component	Optional system component
Lithium ION LiFe PO 4	Lithium ION LiFe PO 4	Lithium ION LiFe PO 4	Lithium ION LiFe PO 4	Lithium ION LiFe PO 4
10 - 15 - 20 kWh	10 - 15 - 20 kWh	10 - 15 - 20 kWh	15 - 20 - 30 - 40 - 50 kWh	30 - 100 kWh
24 VDC, charge voltage C1 max	24 VDC, charge voltage C1 max	24 VDC, charge voltage C1 max	24 VDC, charge voltage C1 max	48 VDC, charge voltage C1 max
Touch 7 or Touch 10	Touch 7 or Touch 10	Touch 7 or Touch 10	Touch 7 or Touch 10	Touch 7 or Touch 10
DC V/A/Time remaining – AC V/A/ HZ	DC V/A/Time remaining – AC V/A/ HZ	DC V/A/Time remaining – AC V/A/ HZ	DC V/A/Time remaining – AC V/A/ HZ	DC V/A/Time remaining – AC V/A/ HZ
WhisperCare 1.0 - 1.5	WhisperCare 1.0 - 1.5	WhisperCare 1.0 - 1.5	WhisperCare 1.0 - 1.5	WhisperCare 1.0 - 1.5
635 x 550 x 644	Ask for Quotation	Ask for Quotation	Ask for Quotation	Ask for Quotation
635 x 550 x 644	Ask for Quotation	Ask for Quotation	Ask for Quotation	Ask for Quotation
635 x 550 x 644		Ask for Quotation	Ask for Quotation	Ask for Quotation



How to choose

The Right OctoPower

Our system advisors work together with the customer to establish the most efficient mix of different of energy resources in order to provide off-grid electricity with the most favorable carbon footprint. They analyse the conversion efficiency and carbon dioxide (CO₂) emissions for the different OctoPower configurations.

Typical steps leading to the best solution are:

- Determine the electrical power consumption (load balance)
- Determine overall efficiency and non-fossil power generation component
- Create a single line diagram to map out the possible configuration
- Final communication with the customer about the system
- Quotation, go/no go, in-factory preparation, supply, commissioning
- Supply of multi-line system schematics and other technical documentation if needed
- On-site warranty arrangements

On-site commisioning | 2-5 years warranty | WhisperCare | Worldwide Support



Examples of use

What can I operate with the OctoPower of my choice.

"I love my high-speed journeys at sea and my overnight stays at anchor, away from the crowds and with all my comforts on board. Air conditioning, cold drinks, kitchen appliances, you name it and I can use it, without the need for a generator."



"With my converted and well-equipped off-road truck, I enjoy the freedom to go and stay where I want and live a life without boundaries. I carry all the luxuries of home, smoothly operated by my smart power system. No need to plug in to the grid or start a generator."



"For my new eventing truck I opted for a hybrid-style solution for my off-grid power requirements. I have sufficient energy for high-pressure cleaning of my motocross bikes, powering a compressor and operating a small workshop."



OctoPower examples of use

GENERAL APPLIANCES - DC

Navigation / communication equipment	Optional	●	●
Interior lights	Optional	●	●
Navigation light	Optional	●	●
Search lights	Optional	●	●

GENERAL APPLIANCES - AC

Service battery charging	●	●	●
Starter battery charging	●	●	●
Cell phone chargers	●	●	●
iPad chargers	●	●	●
Laptops	●	●	●
TV Entertainment	●	●	●

KITCHEN/ HOUSEHOLD APPLIANCES AC

Nespresso/ Senseo/ Dolce Gusto coffee machine	●	●	●
Hot water kettle	●	●	●
Microwave oven	●	●	●
2 Hob electric cooking	●	●	●
3 Hob electric cooking			●
4 hob electric cooking			
Hairdryer	●	●	●
Refrigerator	●	●	●
Deepfreezer			●
Dishwasher			●
Washing machine 3 kg		●	●
Washing machine 5 kg			●
2x Washing machines			

COMFORT EQUIPMENT

1 x Airco 10,000 Btu	●	●	●
2 x Airco 10,00 Btu	●	●	●
3 x Airco 2 x 10,000, 1 x 16.000 BTU			
Airco Chiller 30.000 BTU			
Airco Chiller 45.000 BTU			
Airco Chiller 60.000 BTU			
Airco Chiller 75.000 BTU			
Water maker			●

HEAVY-DUTY APPLIANCES

Compressor (diving)			
Tools			●
Medical equipment/ X-ray			
Car-chargers 3 phase			

"I drive my horse truck to many equestrian events throughout Europe, also spending my holidays with my family and horses, exploring the wilderness. I successfully operate all the electrical devices on board from my Lithium Ion battery pack/inverter system."



"I have just begun my sailing trip to the other side of the world. My all-electric zero-emission power system will take care of my day-to-day essentials, operating the water maker, fridges, and freezers, washing machine and electric hob."



"I want my 55 ft motor yacht fully air conditioned without hearing the noise of a generator. The high power inverter with lithium pack is ideal, while my compact and super silent Genverter is taking care of a very fast recharge of the battery pack."



"Our medical truck was powered by a generator that ran non-stop, which was very 'old-school' and not acceptable to our customers. By using the Super Inverter 14kVA and robust Lithium pack we can now run our x-ray and other medical equipment in silence."



"We have some powerful three phase electrical motors which we want to operate from a Lithium battery pack, combined with a solar array and generator back-up. This new three phase OctoPower fits perfectly."



OctoPower 6+
All-in-One

OctoPower 7
Modular

OctoPower 7+
Modular

OctoPower 14+
Modular

OctoPower 16+ or 32+
Modular / 3 phase

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•

•



OctoPower 3

3000 Watt 230 V - 50 Hz (117 V - 60 Hz)



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 Ion battery packs. All components will have been pre-installed/mounted in the 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 or 50 Amps / 24 VDC). There are outlets for 230 VAC and (optional) 12 VDC. A 120 VAC 60 Hz output is also available.

Applications

Marine/mobile/house - 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), watercooker
- Various household equipment, cell phone/ laptop chargers

Optional

To power 12 VDC consumers

Specifications in brief

DC AC inverter output

230 V 50 Hz, 3000 Watt, 6000 Watt peak

DC voltage

12 VDC, 24 VDC versions available as well (different enclosure)

Battery capacity:

3,8 kWh / 5,1 kWh / 7,6 kWh / 10,2 kWh

Shore-to-ship/vehicle battery charging:

60 Amperes, input voltage 90-265 V, 50-60 Hz (Global Input)

Auxiliary engine-to-OctoPower charging:

12 V (14.25) 100 Amperes

- **DC Distribution with automatic battery protection switch on/off at state of charge level**
- **Digital battery monitor, can be connected to the Dashboard**
- **Remote DC on/off battery switch**
- **Dimensions: see page 12**

"This OctoPower 3 system is really great. I am independent of the grid but can still use all my 230V appliances, including my espresso coffeemaker, electric induction hob and kettle. When I am driving, I can charge up to 50 amps into the service bank and have never had any flat batteries. On my journeys I do not use landpower at all. The 310 Wp WhisperSolar on my roof is topping up my battery everyday. It is a great system"

Wim van Eeden | owner of a Ducato Campervan built in 2019



OctoPower 6

6000 Watt 230 V - 50 Hz (117 V - 60 Hz)



General description

Battery-based power system for the provision of 6 kW 230 V 50 Hz and 24 VDC power. Consists of one power electronics module and one or two Lithium Ion battery packs. All components have been pre-installed in robust stainless steel enclosures for outdoor mounting. This unit is supplied as an easy plug and play installation, with connections to: AC Power (land/ shore) input, solar panel(s) input, and to the vehicle starter battery. The max charge power from this source 100 Amps with 12 V (60 Amps with 24 V).

Applications

Mobile/house - diesel or gasoline generator replacement, 230 V 50 Hz power source for:

- Heating and air conditioning to 25,000 Btu max.
- Electric hob, oven, microwave, kettle
- Coffee machine (Nespresso, Dolce, Senseo)
- Entertainment (TV, DVD, laptop, stereo)
- Jet washer, high capacity dryer and heavy-duty power tools

Optional/extension

OctoPower 6+ incorporating a 6 kW super silent Stage V 230 V 50 Hz Genverter diesel generator

Specifications in brief

DC AC inverter output

230 V 50 Hz, 6000 Watt, 14000 Watt peak

DC voltage

24 VDC, charged by solar, land power, truck engine (different enclosure)

Battery capacity:

10 kWh / 15 kWh / 20 kWh

Shore-to-ship/vehicle battery charging:

16 amps, 3 kW input voltage 90-265 V, 50-60 Hz (global plug)

Solar MPP input:

Up to 3 kW

- AC distribution includes automatic switching of AC sources
- DC Distribution with automatic battery protection switch on/off at state of charge level
- Touch 7 Pro Touch panel for instant monitoring
- Remote communication and control enabled by WhisperCare
- Dimensions: see page 12



- Real-time remote monitoring system
- Historical Data
- Location





OctoPower 7+

2000 Watt 230 V - 50 Hz (117 V - 60 Hz)



General description

Battery-based power system for 7 kW 230 VAC, 50 Hz power (14 kW max) with auxiliary DC Genverter diesel generator for fast re-charge of the Lithium batteries. Modular design with Super Inverter(s) and Super Chargers for 4.3 or 8.6 kW battery charging.

All components have been pre-selected according to the system design and pre-commissioned in the factory before delivery.

Applications

Marine/Mobile/off-grid. Combined Genverter diesel/ Inverter system

- Heating and air conditioning, 45,000 Btu max.
- Medical & communication equipment
- Entertainment systems, lights. LED walls
- Extended galley, heavy duty tools etc.

Specifications in brief

DC AC inverter output

230 V 50 Hz, 7000 Watt, 14000 Watt peak

DC voltage

24 VDC, charged by solar, land power, truck/boat engine. Also available for 48VDC battery banks and diesel generator Genverter with Super chargers

Battery capacity:

10 kWh – 40 kWh, Lithium (or 2 volt GEL)

Shore-to-ship/vehicle battery charging:

2 x 16 Amp max, Charger input voltage 90-265 V, 50-60 Hz (Global plug)

Solar MPPT input:

Up to 6 kW

- **DC distribution with automatic battery protection switch on/off at state of charge level**
- **Touch 7 Pro Touch panel for instant monitoring**
- **Remote communication by WhisperCare**
- **Dimensions: see page 13**

"Our vehicles poses special challenges for the energy system, as it is equipped with all kinds of refinements. For example, the roof, which can be extended electrically by remote control, offers the operators protection from rain and sun, and the working robot has a milling motor with a power consumption of 2 kW. To keep emissions and noise pollution as low as possible, the system must be powered only from the batteries over a long period of time. The battery bank will be charged by solar power whenever possible. In the event that the solar charge current is not sufficient, a DC generator, which starts automatically is required. We have chosen WhisperPower as they are up to date with current market demand." **ProKASRO** | Karlsruhe, Germany



OctoPower 14+

14000 Watt 230 V - 50 Hz (117 V - 60 Hz)



General description

Battery-based power system for 14kW 230 VAC, 50 Hz power (28kW max) or a multiple of 14 kW. Includes 1 or more Stage V DC Genverter diesel generator(s) for fast re-charging of the Lithium batteries, with a maximum of 12 kW per Genverter. Available for 24 or 48 VDC battery banks.

This has a modular design, all components have been pre-selected according to the system design and pre-commissioned in the factory before delivery. This is a full generator replacement or power generation system for silent/zero-emissions.

Applications

Marine/Mobile/off-grid.

- Heating and air conditioning, 90,000 Btu max. per inverter
- Medical & communication equipment
- Entertainment systems, lights, LED walls
- Heavy duty compressors, robotic systems
- Charging of electrical construction machinery

Specifications in brief

DC AC inverter output

230 V 50 Hz, 14000 Watt, 28000 Watt peak

DC voltage

24 VDC, charged by solar, land power, truck/boat engine.

Also available for 48 VDC battery banks and diesel generator Genverter with max 3 DC PowerCube Super chargers

Battery capacity:

20 kWh – 80 kWh, Lithium

Shore-to-ship/vehicle battery charging:

3 x 16 Amp max, Charger input voltage 90-265 V, 50-60 Hz (Global plug)

Solar MPP input:

up to 8 kW

- DC Distribution with automatic battery protection switch on/off at state of charge level
- Touch 7 Pro Touch panel for instant monitoring
- Remote communication by WhisperCare
- Dimensions: see page 13



- Real-time remote monitoring system
- Historical Data
- Location



OctoPower

System with AC generator

In addition to our OctoPower systems with DC generator back-up, we now also offer a complete system with an AC generator with 230 V 50 Hz (120 V 60Hz) output.

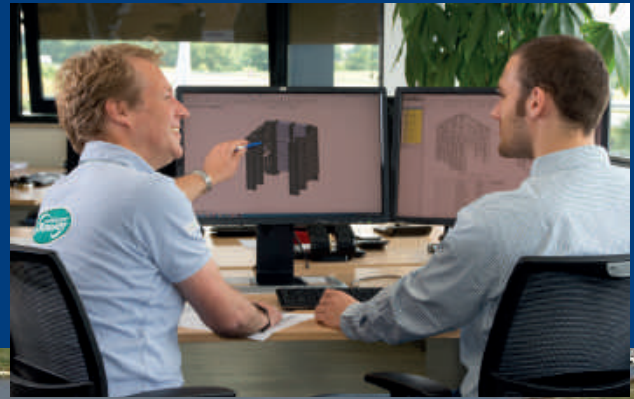


By installing an AC Generator we create a system with 3 AC power sources:

- The WhisperPower AC generator
- One of the AC PowerCube super inverters of 4, 7 or 14 kVA capacity
- The land connection.

The charging system can be extended modularly by installing one or more Supreme Pro battery chargers, which can be adjusted individually from the Touch panel, or remotely (via handy or tablet) to the available amperage. This system can be connected to any land power voltage, from 90-265 VAC, 50 and 60 Hz.





krakenpower.com