

EasyGrid – Hybrid Power Systems 3kVA, 10kVA, 30kVA & 45kVA



Our EasyGrid range brings a hybrid power solution to any environment without a mains grid connection at a reasonable cost. Rather than having to source separate components and have a bespoke system designed, our EasyGrid series offers a pre-configured, self-contained unit built from durable, high quality components; fully tested and ready to install. The EasyGrid enclosures are made from powder coated steel; allowing them to be installed either inside or outside depending on requirements. Suitable for installation worldwide the EasyGrid range addresses off grid power needs and can be installed by a competent electrician.

How does it work?

Our EasyGrid units connect to a solar array and also to a generator. The EasyGrid supply utilises energy from the solar array to charge the batteries, where energy will be stored until needed. The array then tops up the batteries as the power is used. The system can also support additional loads to those listed when connected to the generator. In addition, if the generator is connected and the batteries are depleted and no solar power is available, the system will send a start signal to the generator to provide power and charge the batteries.



Silent Power
Battery storage delivers silent power



Fuel Saving
Save fuel by running generator less



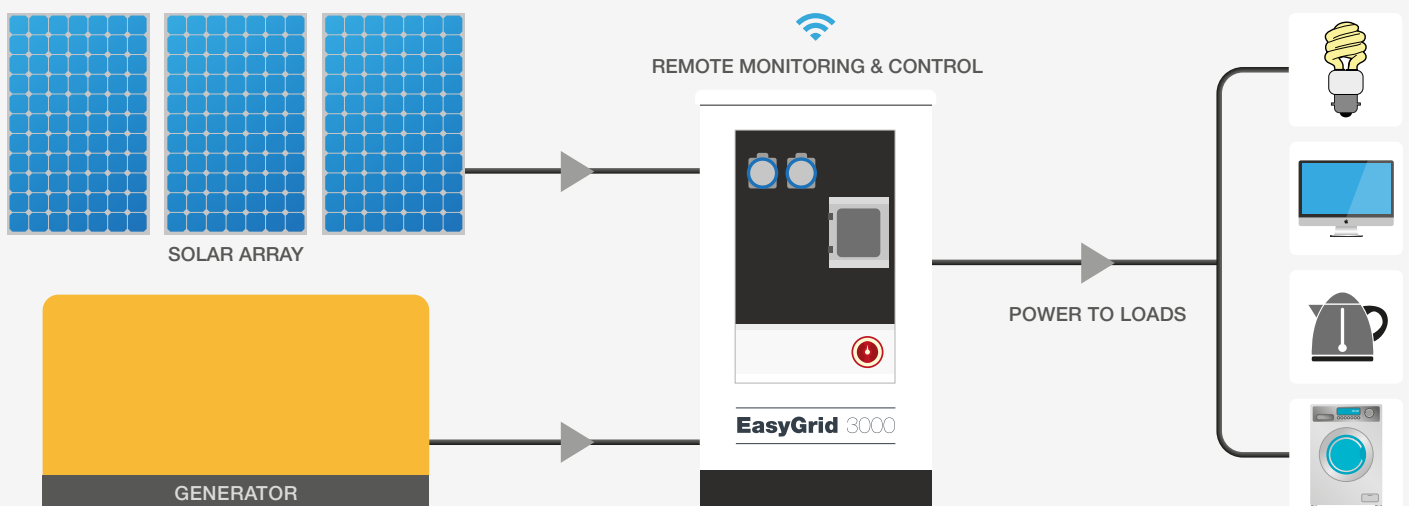
Remote Monitoring
Full control and monitoring of your hybrid system






Lower Emissions
Less generator run time reduces emissions



Installation
Simple installation and configuration



	EasyGrid 3000	EasyGrid 10,000	EasyGrid 30,000	EasyGrid 45,000
				
Inverter Charger Model	Victron MultiPlus 48V 3000VA	Victron Quattro 48V 10000VA	3 x Victron Quattro 48V 10000VA	3 X Victron Quattro 48V 15000 VA
Transfer switch	50 A	100 A	3 x 100 A	3 x 100 A
AC Input	187 - 265 VAC 1 PH		380 - 415 VAC 3 PH	
DC voltage range	38 – 66 V			
Output Voltage	230 VAC ± 2% Frequency: 50 Hz ± 0.1% (1)		400 VAC ± 2% Frequency: 50 Hz ± 0.1% (1)	
Cont. output at 25 °C	2500 W	9000 W	27,000 W	36,000 W
Cont. output at 40 °C	2200 W	8000 W	24,000 W	30,000 W
Peak power	6000 W	20,000 W	60,000 W	75,000 W
Outlets (Standard)	1 x 32A 1 PH	1 x 63A 1 PH	1 x 63A 3 PH and 3 x 63 A 1 PH	
Operating temp. range	-20 to +50°C (fan assisted cooling)			
MONITORING				
Victron VRM	Yes			
BATTERIES				
Type / Quantity	12 V x 4	2 V x 24	2 V x 48	2 V x 48
Cyclic Life (50% dod)	1500			
Type	Gel			
Capacity	9.6 kWh (Usable 5.7 kWh)	40 Wh (Usable 21 kWh)	120 Kwh (Usable 57 kWh)	120 Kwh (Usable 57 kWh)
ENCLOSURE				
Dimensions (mm)	680x870x1220 (WxDxH)	1468x824x1104 (WxDxH)	2800x1000x2000 (WxDxH)	2800x1000x2000 (WxDxH)
Weight	380 kg	1520 kg	4950 kg	5200 kg
Lifting options	Fork & Corners	Fork & Corners	Fork & Centre Point	Fork & Centre Point

Images are for illustrative purposes only and actual products and examples may differ from those shown. All details correct at time of going to press but subject to change. E & EO.

