

# EasyGrid Li – Lithium Hybrid Power Systems

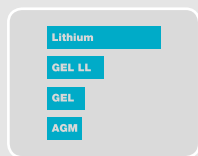


## NEW – EasyGrid 3000Li, 5000Li and 10000Li Lithium Hybrid Power Solutions

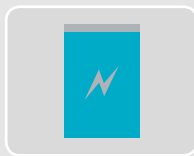
The latest addition to the EasyGrid series are our new EasyGrid 3000Li, 5000Li and 10000Li. Offering the same benefits as the existing units in terms of a simple off grid power solution, but with the additional benefit of lithium battery storage. This makes them faster to charge, offers a longer life expectancy and delivers greater power capacity from a lighter unit.

The new units join our EasyGrid series which offer pre-configured, self-contained units built from durable, high quality components; fully tested and ready to install. Suitable for installation worldwide, the EasyGrid range addresses off grid power needs and can be installed by any competent local electrician, either outside or in an out building depending on requirements.

### Benefits of lithium battery storage over lead acid battery storage



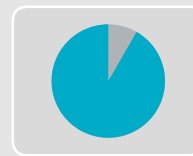
longer service life  
up to 5000 cycles



99% round trip  
efficiency



super fast  
charging



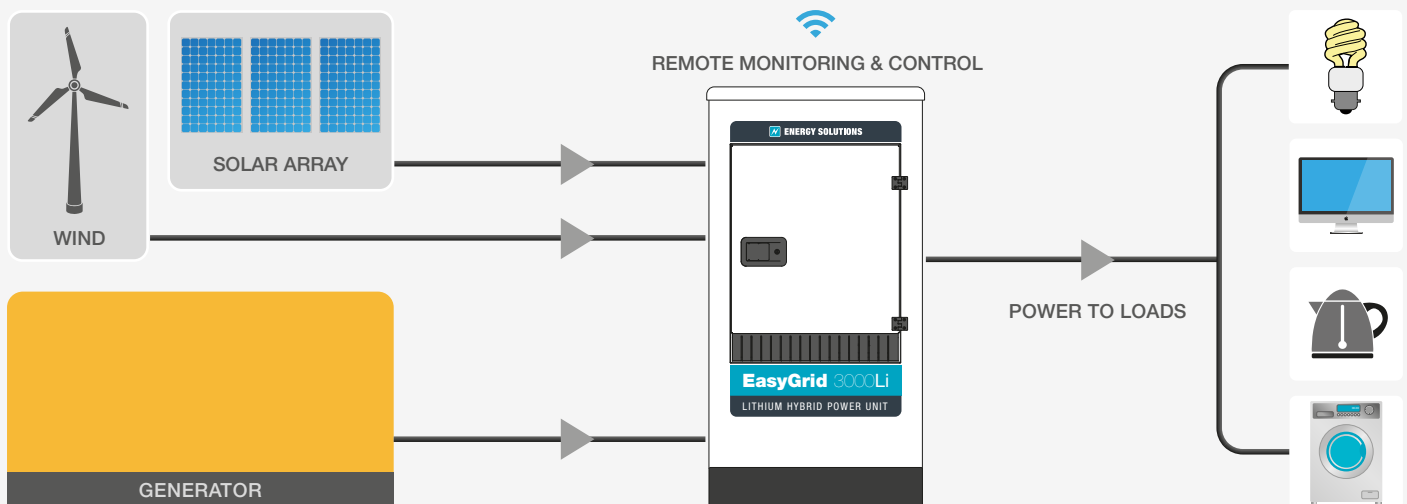
low  
self-discharge






increased  
usable capacity

### An EasyGrid power system

EasyGrid hybrid units connect to your generator, they also have a connection for a solar array and wind turbine. The EasyGrid supply utilises energy from the renewables to charge the batteries, where energy will be stored until needed. The renewables then top up the batteries as the power is used. When a generator is connected and the batteries are depleted and no renewable energy is available, the system will send an automatic start signal to the generator to provide power and charge the batteries.



	EasyGrid 3000Li	EasyGrid 5000Li	EasyGrid 10000Li
			
Inverter Charger Model	Victron MultiPlus 48V 3000VA	Victron Quattro 48V 5000VA	Victron Quattro 48V 10000VA
Transfer switch	50A	100A	
AC Input	187 - 265VAC 1PH		
DC voltage range	38 – 66V		
Output Voltage	230VAC ± 2% Frequency: 50Hz ± 0.1% (1)		
Cont. output at 25 °C	2500W	4500W	9000W
Cont. output at 40 °C	2200W	4000W	8000W
Peak power	6000W	10,000W	20,000W
Outlets (Standard)	1 x 32A 1PH		1 x 63A 1PH
SOLAR CHARGE CONTROLLER			
Model	Victron BlueSolar Charge Controller		
Max output current	70A	85A	
Max PV power suggested	4kW max.	6.8kW max.	
Max PV open circuit voltage	150V	250V	
Operating temp. range	-20 to +50°C (fan assisted cooling)		
MONITORING			
Victron VRM	Yes		
BATTERIES			
Type / Quantity	48V x 3	48V x 4	48V x 10
Cyclic Life	5000		
Type	Lithium Iron Phosphate		
Capacity (80% DOD)	7.68kWh (Usable 6.14kWh)	10.24kWh (Usable 8.19kWh)	25.6kWh (Usable 20.48kWh)
ENCLOSURE			
Dimensions (mm) (WxDxH)	680x870x1220	680x870x1220	1468x824x1104
Weight	320kg	370kg	770kg
Lifting options	Fork & Corners		

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### Installation, Warranty and Service

The EasyGrid series is designed to be a plug and play solution for off grid customers. They can be installed by a competent, local electrician. We have a YouTube guide to help them plus each unit is supplied with a straightforward installation guide.

The unit is covered by our own one year warranty, and the Victron power electronics are covered with a 5 year limited warranty.

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.