

EmiratesGreen

الامارات الخضراء لتجارته المعدات الكهربائية والميكانيكية
EmiratesGreen Electrical & Mechanical Trading Est.

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SELECTRONIC

myGrid

MG008024-S6
MG016024-S6
MG016048-S6
MG032048-S6
MG040120-S6
MG080120-S6

MG016048-S6 shown with SPMC481-AU plus optional KACO Inverter and Inverter mounting panel

myGrid kits

Expertly Designed. Precisely Manufactured.

With the new myGrid Energy Centre, managing your energy is now possible. The myGrid kit is a convenient and simple way to store energy in your Solar Hybrid (on grid) or Off Grid system.

By incorporating PV Solar, Wind, Hydro or a Diesel Generator, you can be sure you will never be without power.

Regardless of whether you have an existing solar system (retro fit) or require a new system, the myGrid Energy Centre can be easily integrated to give you the opportunity to immediately take control of your energy.

The myGrid Energy Centre gives you:

- Flexibility 8 kWh - 80 kWh total storage
- Suitable for Solar Hybrid (on grid) or Off Grid systems
- Faster to install than custom solutions
- Save dollars
- Easy to use
- Label templates included
- Additional 12 month warranty on SP PRO inverter.

Independence | Peace of mind | Reliability | Flexibility

+61 3 9727 6600 | www.selectronic.com.au | facebook.com/SelectronicAustralia

myGrid kits SPECIFICATIONS

The myGrid Energy Centre includes everything you need to connect your chosen SP PRO. Each myGrid Energy Centre has been tested by Selectronic to ensure all components are compatible and can be installed to local standards in a quick and efficient manner.

Kit contents:

- Battery enclosure
- DC Switchbox
- DC Battery cables
- DC Battery sense cables
- Three pole 250A DC circuit breaker
- Pre charge / battery sense circuit breaker
- Battery interconnects
- Batteries (shipped directly from supplier)

As an added bonus each SP PRO inverter sold as part of a myGrid Energy Centre will receive an additional 12 months warranty.

Part number	Suitable inverter	C10 Capacity	C100 Capacity	Max AC coupled PV KACO / Generic ¹	Battery Voltage	Number of battery boxes
MG008024-S6	SPMC240-x.x (3.0 kW) SPMC241-x.x (4.5 kW)	6.2 kWh	8 kWh	4 kW / 3 kW	24 V	1
MG016024-S6		12.5 kWh	16 kWh	6 kW / 3 kW		2
MG016048-S6	SPMC481-x.x (5.0 kW) SPMC482-x.x (7.5 kW)	12.5 kWh	16 kWh	4 kW / 4 kW	48 V	2
MG032048-S6		25.0 kWh	32 kWh	8 kW / 4.5 kW		4
MG040120-S6	SPMC1201-x.x (7.5 kW) SPLC1200-x.x (15.0 kW) SPLC1202-x.x (20.0 kW)	31.2 kWh	40 kWh	8 kW / 5 kW	120 V	5
MG080120-S6		62.4 kWh	80 kWh	10 kW / 5 kW		10

1. Max AC output power from PV grid inverter. KACO is managed AC coupled solar. Generic is unmanaged AC coupled solar

	Dimensions W x H x D mm	Weight	Comments
Battery enclosure (per box) including DC distribution panel	960 x 500 x 470	25 kg 213 kg with batteries	IP43
SP PRO Inverter	SPMC - 345 x 545 x 215 SPLC - 870 x 540 x 291	35 to 42 kg 113 to 115 kg	IP43
Battery protection	Three pole 250A DC circuit breaker. Remote trip option available.		
Grid inverter for managed AC coupled solar	Suitable for all KACO Powador 02 (manufactured after Jan 2011) and 00 (manufactured after Apr 2013) series inverters.		
Grid inverter for generic AC coupled solar	Any AS4777:2, AS4777:3:2005 certified single phase grid tie inverter with an AC Output no greater than that specified in the above table - Not recommended for Off Grid		
SP PRO Warranty	3 - 8 years (conditions apply see website for details)		
Battery Warranty	Up to 5 years conditions apply		
Option	Dimensions W x H x D mm	Weight	Comments
Inverter mounting panel	900 x 850 x 75	25 kg	Option for myGrid energy centre to simplify installation of SP PRO and KACO Powador inverters.

Product: myGrid Kits
Document No: BR0006_03 myGrid Data Sheet

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