



Power. Always.

The Selectronic myGrid Lithium kits stand head and shoulders above the rest.

The power and energy provided by myGrid Lithium is perfectly matched to the power and energy supplied by our SP PRO multi-mode inverter.










The rapid charge and discharge capability of the myGrid Lithium means that it won't let you down when it's needed the most.

No risk with a proven track record of safety and performance.

Powerful Peak. Grid Independence.

With a peak load current of up to 900 amps, a myGrid Lithium can match it with the extremely powerful SP PRO range. Unlike many lithium batteries, the myGrid Lithium batteries have a proven international track record over many years. Combine this with the outstanding reliability of the SP PRO and you have a rock solid energy storage solution. Achieve true grid independence with the myGrid Lithium kit.

Kit Highlights

-  10 year warranty (conditions apply)
-  7.0 kWh - 53 kWh total storage
-  Suitable for grid-connect and off-grid applications
-  Very high charge and discharge rates
-  Powered by Sonnenschein Lithium batteries
-  Faster to install than custom solutions
-  Safe and proven technology - over 500,000 batteries in the field
-  Integrated Battery Management System
-  Kit concept is modular – no heavy single parts

myGrid lithium kits

48 V	120 V
MG007048-L12	MG018120-L12
MG014048-L12	MG035120-L12
MG021048-L12	MG035120-L12-3P
MG021048-L12-3P	MG053120-L12
	MG053120-L12-3P

Grid Independence | Outstanding Reliability | Ultimate Flexibility

myGrid Lithium Specifications

myGrid Lithium is fully compatible with the SP PRO. The kit includes everything you need to connect to your SP PRO - saving you time and money for the perfect installation.

Kit Contents

- 🔩 Battery enclosure
- 🔩 Battery Management System
- 🔩 DC Switchbox
- 🔩 All DC Battery cables
- 🔩 Main battery circuit breakers
- 🔩 Pre-charge / battery sense circuit breaker
- 🔩 Battery interconnects
- 🔩 Batteries (shipped directly from supplier)

Part number	Total Battery kWh	Usable Battery capacity to 20% SoC kWh	Nominal Battery Voltage	To suit SP PRO single phase	To suit SP PRO three phase	Maximum AC Coupled Solar Allowed		Battery Type	No of Battery Boxes (Shelves)	Shelf config.
						Managed with Selectronic Certified Inverters. (Solar Hybrid and off-grid systems)	Generic AC Coupling. (Solar Hybrid only)			
MG007048-L12	7.0	5.6	48V	SPMC481	No	15kW	5kW	Sonnenschein Lithium Iron Phosphate High Current.	1	A
MG014048-L12	14.0	11.2	48V	SPMC481, SPMC482	No	15kW	5kW, 7.5kW		2	B
MG021048-L12	21.0	16.8	48V	SPMC481, SPMC482	No	15kW	5kW, 7.5kW		3	C
MG021048-L12-3P	21.0	16.8	48V	No	3 x SPMC481, 3 x SPMC482	45kW	15kW, 22.5kW		3	C
MG018120-L12	17.6	14.1	120V	SPMC1201, SPLC1200	No	15kW, 30kW	7.5kW, 15kW		3	C
MG035120-L12	35.2	28.2	120V	SPMC1201, SPLC1200, SPLC1202	No	15kW, 30kW, 40kW	7.5kW, 15kW, 20kW		5	D
MG035120-L12-3P	35.2	28.2	120V	No	3 x SPMC1201	45kW	22.5kW		5	D1
MG053120-L12	53.0	42.4	120V	SPMC1201, SPLC1200, SPLC1202	No	15kW, 30kW, 40kW	7.5kW, 15kW, 20kW		8	E
MG053120-L12-3P	53.0	42.4	120V	No	SPMC1201, SPLC1200	45kW, 90kW	22.5kW, 45kW	8	E	

Specifications subject to change without notice.

	Dimensions W x H x D	Weight	Comments
Battery enclosure (per box) including DC distribution panel	960 x 500 x 470 mm	25 kg	IP43, High quality zinc primed and powder coated steel
Battery weight (per cell)		19.5 kg	4 cells per battery box
Backup Generator compatible for off-grid systems	Yes, generator controls included in SP PRO for both single and three phase systems		
Backup Generator compatible for Solar Hybrid systems	Yes, in SP PRO with auto start generator and optional grid fail / generator backup kit, for SPMC models only, in single phase systems		
Grid inverter for Managed AC Coupled solar	Suitable for all Selectronic Certified Inverters		
Grid inverter for generic AC coupled solar	Any AS4777.2-2005, AS4777.3:2005 or AS4777.2-2015 certified single phase grid tie inverter with an AC output no greater than that specified in the above table - Not recommended for off-grid		
myGrid Lithium Warranty	10 Years (conditions apply, see website for full details)		

Shelving Configuration

