

Independent Power – intelligent, reliable and plenty of it.



Welcome to a world where electricity has no boundaries...

A world where reliable electricity should not be considered as a luxury but as an essential part of life today and into the future.

Enter the world of Selectronic SP PRO series.

Anything is possible but limited only by your imagination or by your desire to use technology to make your lifestyle more comfortable. More reliable power whilst reducing your carbon footprint and increasing cost effectiveness.

Independent power plus extra benefits

No matter how far away from grid electricity you are, an SP PRO system will provide you with a smooth ultra low distortion single phase or three phase power supply. Everyday modern appliances can be operated without fuss, even large pumps and motors can be operated as the SP PRO can provide significantly more power for short periods.

An SP PRO Grid Quality Interactive Inverter/Charger will convert electricity stored in batteries to operate your normal electrical appliances.

One of the most intelligent Inverter / Chargers in the world, the SP PRO will monitor and manage all aspects of your independent power system and ensure maximum use of any Renewable Energy, whilst maximising battery life and reducing generator running costs.

The Interactive Advantage

Unlike many other Inverter Chargers, the SP PRO will interact in parallel with your generator. Once the generator seizes the load, the SP PRO charges the batteries or supplements the generator's output

to run the load. The result is TRUE NO Break performance when under SP PRO control and totally safe for all appliances including computers.

Truly Australian

Selectronic's vast experience supplying remote energy to Australia's harsh outback, has resulted in many clever features within the SP PRO to make your independent power experience completely satisfying. Features such as automatic Generator Control that starts the generator before the system becomes stressed, or the emergency bypass function that will continue to supply power when other inverters may have given up.

There is even a simple message that tells you when it's time for preventative maintenance. All this backed up by a piece of mind warranty of 5 and up to 7 years.

Connect to the Grid or Not?

With an SP PRO you'll never know the grid is no where to be seen, but should you choose to connect to grid electricity one day, a quick on-site setting change will turn the SP PRO into a Grid Feeding export inverter that provides back up power.

COMMUNICATIONS

Grid quality power gives access to any style of communication.



LIGHTING

Using cost effective AC lighting allows many modern day options.



COOKING

Use of efficient microwave cooking is easily handled where alternative fuels may not be available.



ENTERTAINMENT

Safe to use with any style of entertainment giving access to thousands of advantages in today's business or domestic life



REFRIGERATION

240 volt refrigeration reduces the need for smaller and more expensive options.



POWERFUL

SP PRO independent power, not just sophisticated but powerful too. Appliances such as large motors, and welders can all be handled with ease.



- REMOTE DOMESTIC HOMES
- WORKING PROPERTIES
- MONITORING STATIONS
- REMOTE COMMUNITIES
- VILLAGE ELECTRIFICATION



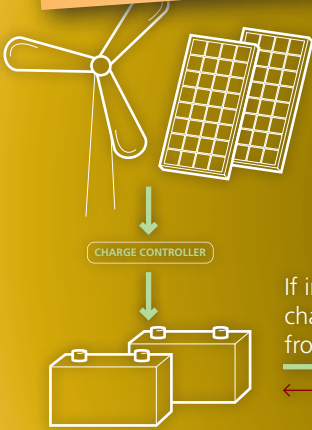
POWER PERFORMANCE PASSION

Advantages of using an SP PRO

- ✓ Australian designed and manufactured
- ✓ Maximum system output from Interactive technology
- ✓ Three phase configurable (3 units)
- ✓ All ratings are real, not made up by marketing people
- ✓ Free SP LINK monitoring software for your PC
- ✓ Easy to read LED display
- ✓ Automatic Service Alerts if maintenance is required
- ✓ Withstands tropical environments



Use our free SP LINK software for instant access to your system performance on your PC



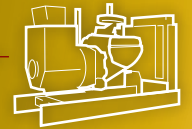
If insufficient renewable charge, batteries boosted from generator



SP PRO ensures break free power 24/7



Automatically utilises generator when required



SP PRO SERIES SPECS	SPMC 240-AU	SPMC 241-AU	SPMC 481-AU	SPMC 482-AU	SPMC 1201-AU	SPLC 1201-AU
Max Output Power –						
Generator OFF						
24 / 7 @ 25°C per phase	3,000 watts	4,500 watts	5,000 watts	7,500 watts	7,500 watts	18,000 watts
1 hour	3,200 watts	4,700 watts	5,300 watts	8,000 watts	8,000 watts	20,000 watts
20 seconds	7,500 watts	10,500 watts	12,000 watts	18,000 watts	18,000 watts	30,000 watts
Generator ON*						
24 / 7	15,000 watts	15,000 watts	15,000 watts	15,000 watts	15,000 watts	30,000 watts
Battery Charging 24 / 7	125 amps	188 amps	104 amps	156 amps	63 amps	125 amps
Battery capacity	100Ah – 10,000Ah					
Max Generator size*	15 kVA – 63 amps					30 kVA – 125 amps
LED display shows	Available battery capacity, Charge status, Generator status, Output status, Alarms. All available on your PC also.					
Generator transfer	Zero interruption, NO Break					
Peak efficiency	95%	95%	95.5%	96%	96.5%	96%
Warranty	5 years standard. 7 years when installed by an SP PRO Accredited Installer					
Approvals	AS/NZS 61000-6-3 2007 (c-tick), AS62040.1.1-2003, AS4777 2005 (grid connect), CE pending AS/NZS 61000 6-4 2007					
Dimensions in mm	345 W x 545 H x 215 D					520 W x 870 H x 300 D
Weight	29 kg	34 kg	35 kg	40 kg	40 kg	105 kg

OTHER RESOURCES AVAILABLE:

- SP PRO with Boats and Motorhome
- SP PRO Grid Feed Backup
- SP PRO Grid Support
- SP PRO Grid Backup Kits
- SP PRO Full Specifications
- Why use an SP PRO Accredited Installer

OPTIONS

- External contactor 250Amp for larger generators
- Extension enclosure
- AC Coupling
- Mobile installation kit

YOUR RETAILER:

Through a policy of continual improvement specifications may differ from this brochure. All ratings are @ 40°C and nominal battery voltage unless otherwise stated. *Presumes suitable generator size with no battery charging. 60,000 watts with external contactor. Document No BR0003_03 Independent Power-OFF Grid.

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