

# Selectronic SP PRO

... a product which will suit many different markets including; Off Grid, On Grid with back up, Marine, Mobile and Industrial. Featuring advanced thermal power management and super high speed digital signal processing, new standards have been set for reliability, features, surge capability and power density.

The SP PRO series will act as a low voltage grid feeding inverter and will provide back-up power to the load if grid electricity has failed. The unit can also be configured to operate as an Interactive Inverter Charger, with fast preset configurations for either mobile or remote power system use.

- » Ratings @ 40°C
  - » Low distortion sine wave Interactive Inverter Charger with grid feed ability
  - » Advanced thermal techniques provide excellent high temperature performance
  - » 63 amp AC transfer switch with anti-chatter protection
  - » Grid feeds with excess renewable
  - » "Grid Lockout" setting can allow battery charging "Off Peak"
  - » Automatic changeover when grid fails without using a second inverter
  - » World leading 300% surge capacity
  - » True 100% charge capacity
  - » Five stage battery charging with dual float points and adjustable temperature compensation
  - » Battery mid point monitoring with automatic equalisation
  - » Simple LED display, with the AC LEDs directly powered from the monitored voltage
  - » Redundant safety disconnect for pluggable operation
  - » Plug and play or fully configurable via computer
  - » Eighteen months of logged daily totals
  - » Four months of sampled data at 30 minute sample rate
  - » Adjustable 30/15/10/5/1 minute sample rate
  - » Easy to use configuration / monitoring software supplied standard
  - » "Partial state of charge" control can minimise generator run time
  - » Superbly quiet
  - » All PCBs conformal coated with mil spec silicone
  - » 4 x addressable relay outputs and 3 x digital outputs
  - » 4 x addressable digital inputs and 2 x analogue inputs
  - » 2 x user definable shunt inputs
  - » Low battery shutdown override in case of emergency
  - » Discretionary load control
  - » External solar regulator bypass function
  - » 2 x serial ports with power for accessories
  - » Variable speed fan with service alert
  - » Lifetime monitored capacitors with service alert
  - » Warranty, 5 yrs + 2 for SP PRO accredited installers
  - » 100% Australian designed and manufactured
  - » Field serviceable modular design\*
- \*Conditions Apply

## Available Models

SPMC 241-AU (Cat.# INV-SP3500)  
24 Volt, 3500 W continuous @ 40°C

SPMC 481-AU (Cat.# INV-SP4000)  
48 Volt, 4000 W continuous @ 40°C

SPMC 482-AU (Cat.# INV-SP6000)  
48 Volt, 6000 W continuous @ 40°C

## SP LINK software

All SP PRO inverters come standard with our proprietary SP LINK software. A free copy can be downloaded on the internet.

Once loaded onto a computer, SP LINK will enable you to gain access to an enormous amount of information about your SP PRO inverter and your power system. SP LINK allows your installer to customise over 220 settings within the SP PRO for a superbly optimised system configuration.

We believe SP LINK is simple to use and intuitive, but just in case you need some help, the instruction manual (in Adobe PDF) is only a click away from within SP LINK.

## System requirements:

Windows XP / Vista

Microsoft .NET Framework 2.0 or higher must be installed on XP  
Adobe Reader 7.0 or higher required for interactive help



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