



A Selectronic Certified solar inverter is the first step in building a storage system with maximum efficiency and ultimate flexibility using Selectronic's Managed AC Coupling "Smart Link" technology. Even without batteries our Selectronic Certified inverters operate perfectly as a solar inverter, but adds the option of becoming a fully managed storage system should the need arise. Existing ABB and Fronius inverters can also be upgraded to Selectronic Certified. This is a cost effective, future ready solution.

Selectronic Managed AC Coupling technology is unique in today's market place. It allows the SP PRO to take control of the flow of energy from the solar inverter in 0.1% steps, to precisely control the solar power system while maintaining a stable 50 Hz frequency. This cannot be achieved with a generic grid-tie inverter.

The Selectronic Certified solar inverter can be considered as an AC MPPT. By creating an AC Bus, an AC coupled system will allow PV energy to be efficiently used directly by the load, with excess PV energy going back through the multi-mode SP PRO inverter to charge batteries or export to the grid. This is a superior solution for Off-Grid or On-Grid solar systems. Up to five Selectronic Certified inverters can be controlled by any single SP PRO Manager.

We recommend Selectronic Certified solar inverters for maximum system efficiency and flexibility in the following applications:

- Off-Grid AC coupling
- Solar Hybrid AC coupling with Fixed Export Limits
- Solar Hybrid AC coupling where twice the PV to SP PRO rating is required

SELECTRONIC CERTIFIED

The range of Selectronic Certified ABB (Fimer) and Fronius solar inverters provide the most advanced AC Coupling solutions on the market.

A comprehensive range of single-phase and three-phase models can provide battery storage-ready systems from 3kW to 480kW of with Managed AC Coupled solar.

- Up to 480kW of Managed AC Coupled solar
- Can be installed On-Grid ready for an SP PRO and batteries later making the installation battery ready
- Stable frequency when Off-Grid, or when grid has failed
- Allows for precise battery charging
- Selectronic Certified inverter data is displayed in SP LINK monitoring software
- Allows more AC coupled solar
- Allows more solar to be connected and available when grid fails
- Export limiting capability when grid-connected with an SP PRO
- Go completely Off-Grid when AC coupled with an SP PRO
- Allows a backup generator to be connected when AC Coupled with an SP PRO
- Up to 10 year warranty*

* Conditions apply, see website for details

Manufacturing in Australia Since 1964

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Selectronic Certified Fronius Symo Three Phase

MODEL NUMBER	Symo 8.2-3 WLAN-SCERT	Symo 10.0-3 WLAN-SCERT	Symo 12.5-3 WLAN-SCERT	Symo 15.0-3 WLAN-SCERT	Symo 20.0-3 WLAN-SCERT
AC OUTPUT	8.2kW	10.0kW	12.5kW	15.0kW	20.0kW
No. MPPTS	2				
DC INPUT VOLTAGE MPPT / RANGE	267 - 800 V / 150 - 1000 VDC	270 - 800 V / 200-1000 VDC	320 - 800 V / 200 - 1000 VDC		
WEIGHT (kg)	21.9	34.8		43.4	
DIMENSIONS: h x w x d (mm)	645 x 431 x 204	725 x 510 x 225			
WARRANTY	Supplied by Fronius, presently 5 + 5 years - Fronius T&Cs apply. Australian Installations only.				

Selectronic Certified Fronius Eco Three Phase*

MODEL NUMBER	Eco 25.0-3-S	Eco 27.0-3-S
AC OUTPUT	25.0kW	27.6kW
No. MPPTS	1	
DC INPUT VOLTAGE MPPT / RANGE	580-1000 V	
WEIGHT (kg)	35.7 kg	
DIMENSIONS: w (mm)	510	
WARRANTY	Supplied by Fronius, presently 5 + 5 years – Fronius T&Cs apply. Australian Installations only.	

Selectronic Certified Fronius Primo Single Phase

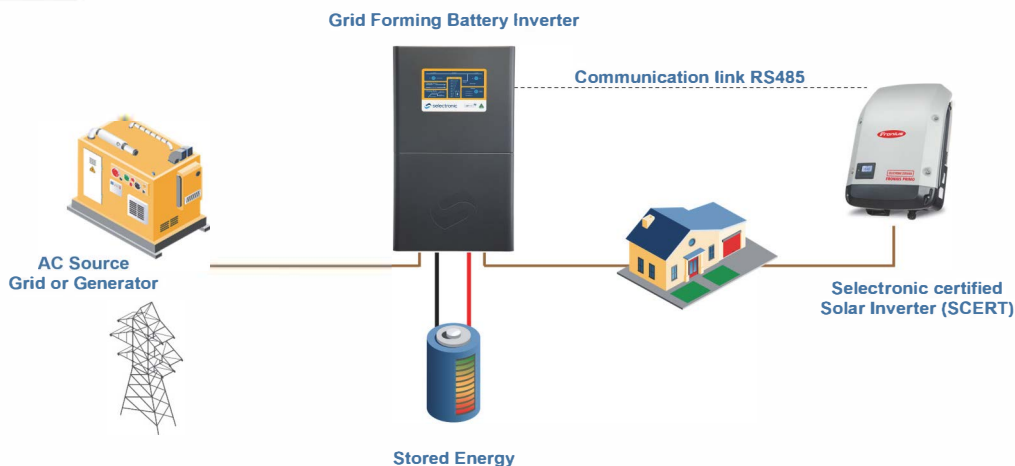
MODEL NUMBER	Primo 3.0-1 WLAN-SCERT	Primo 4.0-1 WLAN-SCERT	Primo 5.0-1 WLAN-INT SCERT	Primo 6.0-1 WLAN-SCERT	Primo 8.2-1 WLAN-SCERT
AC OUTPUT	3.0kW	4.0kW	5.0kW	6.0kW	8.2kW
No. MPPTS	2				
DC INPUT VOLTAGE MPPT / RANGE	200 - 800 V / 80 - 1000 VDC	210 - 800 V / 80 - 1000 VDC	240 - 800 V / 80 - 1000 VDC		270 - 800 V / 80 - 1000 VDC
WEIGHT (kg)	21.5				
DIMENSIONS: h x w x d (mm)	645 x 431 x 204				
WARRANTY	Supplied by Fronius, presently 5 + 5 years - Fronius T&Cs apply. Australian Installations only.				

PV Sizing Tool: [Fronius Solar Configurator](#)

Selectronic Certified ABB (Fimer) UNO Single Phase**

MODEL NUMBER	UNO-DM-4.6-PLUS Q-SCERT	UNO-DM-5.0-PLUS Q-SCERT	UNO-DM-6.0-PLUS Q-SCERT
AC OUTPUT	4.6kW	5.0kW	6.0kW
No. MPPTS	2		
DC INPUT VOLTAGE MPPT / RANGE	170 - 480 V / 120 - 600 VDC	170 - 480 V / 120 - 600 VDC	160 - 480 V / 120 - 600 VDC
WEIGHT (kg)	15	15	20.5
DIMENSIONS: h x w x d (mm)	553 x 418 x 175	553 x 418 x 175	418 x 553 x 180
WARRANTY	Supplied by ABB* (FIMER), presently 10 years - ABB T&Cs apply. Australian Installations only.		

PV Sizing Tool: [FIMER PV Size](#)



Selectronic can also offer a Selectronic Certified upgrade to standard ABB and Fronius inverters already installed. Contact us for details on this great service.

*Upgrade to a new or existing Fronius ECO on request.

**Please note that the FIMER Group completed the acquisition of the ABB solar division in March 2020. All ABB inverters are now manufactured under a trade license agreement with FIMER Group and some inverters may state this on inverter cover plates and literature.