

Advanced Solar Immersion Controller

E.R.S PRO



The most advanced solar immersion controller we've ever made

A new software platform and improved finish makes E.R.S **PRO** truly class leading

Every aspect of E.R.S **PRO** has been deeply considered to give the solar professional advanced features and more flexibility during system design and setup for more complex installations.

Fully Automated Control

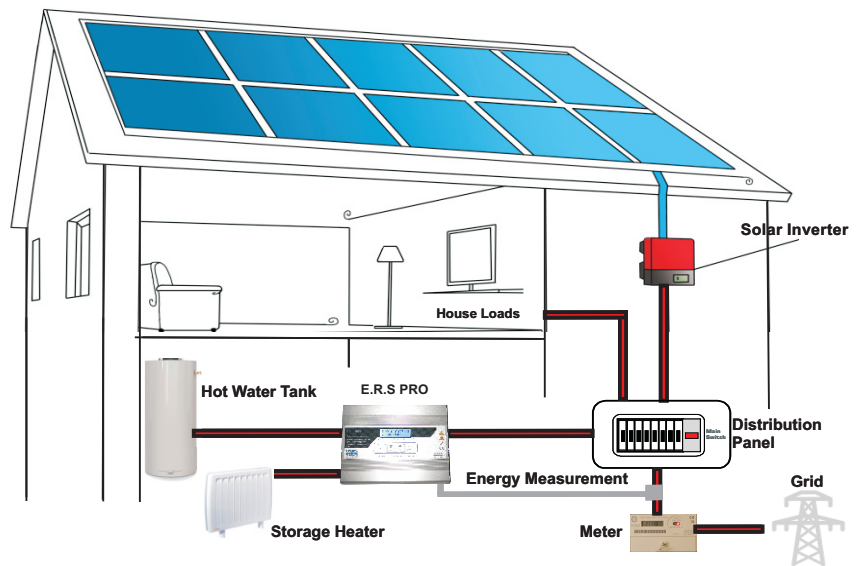
- Dual fully automated assignable outputs from 5W to 6000W
- High efficiency silent operation, with industry leading F-POINT technology, increases reliability and life span
- Patent pending dynamic load control allows for the connection of multiple heating loads at the same time
- Smart programmable relay for the control of secondary load devices and export limitation schemes
- Auxiliary connection for external timer control for economy 7 tariffs

Simple Installation and uncluttered operation

- Simple quick installation, plug and play connections and automated software setup
- Crystal clear LCD display gives live energy usage and kWh's performance data
- Fully intuitive menu can be used to tailor E.R.S **PRO** to any installation, no matter how complex
- Universally compatible, designed for new or retro fit solar projects

Electrical Parameters	E.R.S PRO	Units
Voltage Range / Frequency	206 - 262 / 50	Vac / Hz
Max Output Power (single / dual operation)	1 x 6000 / 2 x 3000	Watts
Max Load Current (single / dual operation)	30A / 16	A
Phase Operation	Single	-
Load Type	Resistive Only	-
Output Control Range	5 - 100 (of connect load)	%
Minimum Connect load Size	100	Watts
Export Tracking Range	25 - 200	Watts
Recommended generator size (single / dual operation)	>10 / >2.0	kWp
General Parameters		
Dimensions (W/H/D) (without connectors)	230 / 160 / 55	mm
Weight	1.2	kg
Noise Emissions	<10	dB
Self Consumption (night)	8	mA
Ingress Protection	IP-44	-
Operating Temperature Range	-10 to +60	C
Cooling Concept	Convective	-
Efficiency	>98	%
Display	Crystal Blue Backlit LCD Display	-
Mounting Type	Wall Mounted	-
Manual Boost Function	Yes (10 - 120 minutes adjustable)	-
Control Method	F-POINT technology	-
Finish	Aluminum, Anodised Silver / Carbon Fibre	-
Warranty*	5	Years
Compliant Standards	CE, RoHs, BS EN 61000-(6-1)(6-2)(6-3)(3-2)(3-3)	-

Advanced Solar Immersion Controller E.R.S PRO: Technical Data



Typical system layout:
Other configurations are possible

*Warranty subject to terms and conditions, see latest warranty documentation for full details.
Product specification subject to change without notice.
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