

## Solar Immersion Controller

### E.R.S MINI



### Increase your solar self consumption

The perfect balance of quality, performance and cost

E.R.S **MINI** Immersion heating controller automatically adjusts its power output to control, for example, an immersion heater, so any available export energy from solar is captured and stored as free hot water.

### Powerfully Small

- Fully automated adjustable output from 5W to 3000W
- High efficiency industry leading performance with F-POINT technology
- Live status information from the integrated 20 segment LED power bar display
- Manual boost button gives a timed override function whenever needed

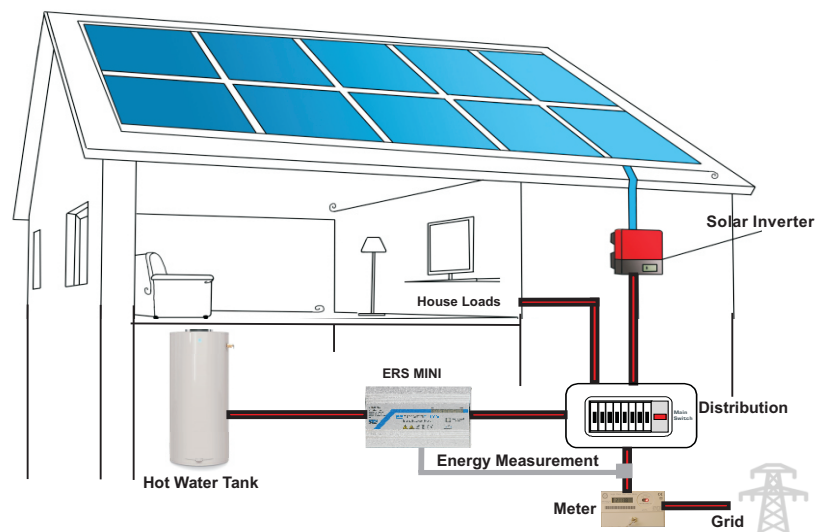
### Easily Integrated

- Simple quick installation, plug and play connections and automated software setup
- Universally compatible, designed for new or retro fit solar projects
- Silent operation with fan-less design, fully sealed custom enclosure increases reliability and life span

Electrical Parameters	E.R.S MINI	Units
Voltage Range / Frequency	206 - 262 / 50	Vac / Hz
Max Output Power:	3000	Watts
Max Load Current	16	A
Phase Operation	Single	-
Load Type	Resistive Only	-
Output Control Range	5% - 100% (of connected load)	-
Minimum Connect Load	300	Watts
Export Tracking Range	25 - 200	Watts
Recommended generator size	> 1.8	kWp
General Parameters		
Dimensions (W/H/D) (without connectors)	160 / 109 / 45	mm
Weight	1.1	kg
Noise Emissions	<10	dB
Self Consumption (night)	8	mA
Ingress Protection	IP-20	-
Operating Temperature Range	-10 to +60	C
Cooling Concept	Convective	-
Efficiency	>98	%
Display	20 Segment LED	-
Mounting Type	Wall Mounted	-
Manual Boost Function	Yes (90 Minutes non adjustable)	-
Control Method	F-POINT technology	-
Finish	Aluminium, Anodised Silver	-
Warranty*	2 Years	-
Compliant Standards	CE, RoHs, BS EN 61000-(6-1)(6-2)(6-3)(3-2)(3-3)	-

## Solar Immersion Controller E.R.S MINI: 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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**POWERFLOW**

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