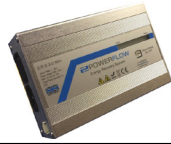


TECHNICAL DATA	ERS mini Edition	ERS 4 Silver Edition	ERS 6 Blue Edition
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Operating Parameters			
Output power: Max / Nominal	3200 / 3000 Watts	4000 / 3000 Watts	6000 / 5000 Watts
Output current: Max / Nominal	13A / 12.5	16A / 13A	25A / 21A
Phase Operation	Single Phase	Single Phase	Single Phase
Voltage range / frequency	206-262V / 50 Hz	206-262V / 50 Hz	206-262V / 50 Hz
Fuse Protection (replaceable)	20A (internal)	20A (external)	32A (external)
Compatible Generator Type	Solar PV / Wind / Hydro	Solar PV / Wind / Hydro	Solar PV / Wind / Hydro
Recommended renewable generator size	2.0kW +	2.0kW +	10kW +
Output load	Resistive Only	Resistive Only	Resistive Only
Output control range	5% - 100%	5% - 100%	5% - 100%
Minimum output load	300 W	100 W	100 W
Minimum export power level / Export tracking range	25W / 25-200W	25W / 25-200W	25W / 25-350W

General Data			
Dimensions (without connectors) ( W / H / D ) mm	160 / 109 / 45	230 / 160 / 54	230 / 160 / 54
Weight	1.1kg	1.7kg	1.9kg
Noise emissions	<10dBA	<10dBA	<10dBA
Self-consumption (night)	8mA	8mA	8mA
Degree of protection	IP20	IP54	IP54
Operating temperature range	-10 °C to +60 °C	-10 °C to +60 °C	-10 °C to +60 °C
Cooling concept	Convective Cooling	Convective Cooling	Convective Cooling
Efficiency	99%	99%	99%
Compliant Standards	CE / RoHs / BS EN: EMC / LVD	CE / RoHs / BS EN: EMC / LVD	CE / RoHs / BS EN: EMC / LVD

Features			
Method of control	F-POINT <i>technology</i> ®	F-POINT <i>technology</i> ®	F-POINT <i>technology</i> ®
Number of proportional control outputs	1	1	2
Dynamic Load Control	No	Yes	Yes
Input / Output connections	External Plug and Play IP20	External Plug and Play IP65	External Plug and Play IP65
Integrated menu	No	Yes	Yes
Manual boost function (default OFF)	Yes (90mins non adjustable)	Yes (10-120 mins) default 90mins	Yes (10-120 mins) default 90mins
Smart boost function (default OFF)	No	Yes (1-8 hrs) default 4 hrs	Yes (1-8 hrs) default 4 hrs
External timer connection (default OFF)	No	Yes	Yes
2nd load Smart Relay (programmable)	No	Yes	Yes
Display	20 segment LED Bar display	Crystal clear LCD display	Crystal clear blue LCD display
Live import / export power	No	Yes	Yes
Output power bar	Yes	Yes	Yes
Total savings counter	No	Yes (kwh)	Yes (kwh)
Operational Status	Yes	Yes	Yes
Manual switch modes	No	On / Off / Bypass	On / Off / Bypass
Backlight	No	Yes (auto time-out)	Yes (auto time-out)
Internal over temperature protection	Yes	Yes	Yes
Hard anodized aluminium enclosure	Yes	Yes	Yes
Finish	Metallic Silver	Metallic Silver Anodised	Electric Blue Anodised
Warranty	2 years	2 / 3 / 5 Years	2 / 3 / 5 Years

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