

# EN Declaration of Conformity and Device Operation

The devices listed below have been developed, manufactured and/or tested according to the below mentioned EN directives.

- Electromagnetic Compatibility (EMC)
- Low Voltage Directive (LVD)
- General Electrical Safety Requirements

PRODUCT	E.R.S Mini
<b>Electromagnetic Compatibility –3 (EMC) *</b>	
<b>BS EN 61000-3-2: 2006:</b> Limitation for harmonic current emissions in public low-voltage supply systems.	X
<b>BS EN 61000-3-3:2008:</b> Limitation of voltage fluctuations and flicker in public low-voltage supply systems.	X
<b>Electromagnetic Compatibility –4 (EMC)</b>	
<b>BS EN 61000-4-5:2011:</b> Surge immunity tests.	X
<b>BS EN 61000-4-11: 2004:</b> Voltage dips, short interruptions and voltage variations immunity tests.	X
<b>Low Voltage Directive &amp; General Electrical Safety Requirements</b>	
<b>BS EN 60335-1:2012+A11:2014:</b> Household similar electrical appliances. Safety, General Requirements.	X
<b>BS EN 62109-1: 2010:</b> Safety of power converters for use in photovoltaic power systems. General requirements.	X
<b>EU Directives: 2006/95/EC, 2004/108/EC, CE, RoHs compliant</b>	X
<b>Device Operation *</b>	
F-POINT <i>technology</i> ®: Measurement and reaction time of control system	200-400ms

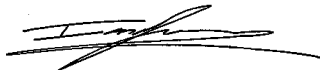
\* Verified in conjunction with the University of Gloucestershire

### Information

Without written confirmation by Power Flow Energy, this declaration of conformity is no longer valid if:

- The product is modified, supplemented or changed in any other way
- Components, which are not part of the Power Flow accessories list are integrated into the product.
- The product has not been used for its intended use laid out by the product specifications.

Signature:



Ian Murray (Bsc Hons)  
Managing Director  
PowerFlow Energy Ltd

Signature:



Dr Akbar Sheikh Akbari (PhD MSc BSc MIET)