

EN Declaration of Conformity

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

- Electromagnetic Compatibility
- Battery Operation and Generation Connection Requirements
- Low Voltage Directive and General Electrical Safety Requirements
- Device Operation

PRODUCT(s)	Sundial M	Sundial S
Electromagnetic Compatibility –3&4 (EMC) *	SDM-2.0/500-10	SDS-2.0/500-10 SDS-1.0/250-10
BS EN 61000-2-3-6: 2006: Limitation for harmonic current emissions in public low-voltage supply systems. Limitation of voltage fluctuations and flicker in public low-voltage supply	X	X
BS EN 61000-6-1: 2007: Generic standards. Immunity for residential commercial and light-industrial environments.	X	X
BS EN 61000-4-5:2011: Surge immunity tests.	X	X
BS EN 61000-4-11: 2004: Voltage dips, short interruptions and voltage variations immunity tests.	X	X
Battery and Generation Connection Requirements		
BS EN 50438: Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks	X	X
VDE 4105: Technical requirements for the connection to and parallel operation with low-voltage distribution networks	X	X
G83/2: Connection of small scales embedded generators up to 16A per phase	X	X
G100-1: 2016: Export Limitation compliance. UK	X	X
BS EN 61427-2:2015: Secondary cells and batteries for renewable energy storage	X	X
Low Voltage Directive and General Electrical Safety Requirements		
BS EN 60335-1:2012+A11:2014: Household similar electrical appliances. Safety, General Requirements.	X	X
BS EN 62109-1-2: 2010: Safety of power converters for use in photovoltaic power systems. General requirements.	X	X
BS EN 50438: Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks	X	X
EU Directives: 2006/95/EC, 2004/108/EC, CE, RoHs.	X	X
Device Operation		
F-POINT <i>technology</i> @: Measurement and reaction time of control system	400ms	400ms

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Without written confirmation by Power Flow Energy, this declaration of conformity is no longer valid if: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



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