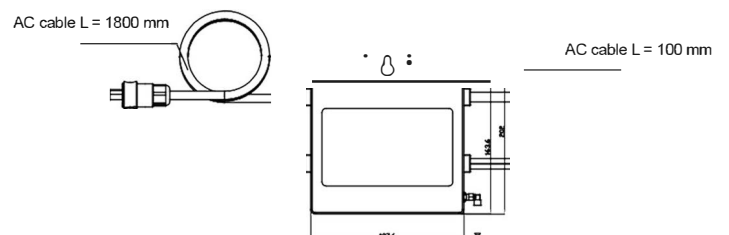


BPE 600 Microinverter

- Single unit connects two solar modules
- Maximum continuous output power 600W
- Individual MPPT for each module
- Rated up to 370W
- Up to 16 solar modules (8x BPE600) in a string with a 25A breaker
- Wi-Fi, Power line or ZigBee communication
- Free Panel level monitoring
- 12/25 year warranty



DIMENSIONS



Our flagship product, the BPE600 is a grid-tied microinverter with intelligent networking and monitoring systems to ensure maximum efficiency. Highly dependable and cost effective, the BPE600 handles 210w to 370w modules with negligible clipping, delivering 300W AC per module with dual MPPT. Half the inverters and half the installation means real cost savings for residential and commercial customers.

BPE-MI-600 Microinverter Datasheet

Model	BPE-MI-600
Input Data (DC)	
MPPT Voltage Range	25V - 55V
Operation Voltage Range	20V - 55V
Maximum Input Voltage	60V
Startup Voltage	20V
Maximum Input Current	10.4A x 2
Maximum DC Short Circuit	13A
Current Output Data (AC)	
Maximum Output Power	600W
Nominal Output Voltage	230/240V
Nominal Output Current	4A
Default/Protect Output Voltage Range	184 - 265V
Extended/Reconnect Output Voltage Range	184 - 265V
Nominal Output Frequency	60Hz Auto Sense
Default/Protect Output Frequency Range	60Hz/59.3 - 60.5
Extended/Reconnect Output Frequency Range	60Hz/59.3 - 60.5
Power Factor	> 0.99
Total Harmonic Distortion	<3%
Efficiency	
Max . Inverter Efficiency	96.5 %
Night Power Consumption	50 mW
Mechanical Data	
Operating Ambient Temperature Range	- 40 °C to + 65 °C
Storage Temperature Range	- 40 °C to + 85 °C
Dimensions (W x H x D)	420mm X 228mm X 66mm
Weight	2.2kg
Communication	Wi-Fi/Powerline/Zigbee
Enclosure Rating	IP67
Cooling	Natural Convection - No Fans
Wet Locations Classification	For Wet Locations
Pollution Degree Classification	PD3
Relative Humidity Ratings	0 - 95 %
Maximum Altitude Rating	All Data in The Technical Specifications Has Been Tested Under <2000m
Certificates	UL1741, VDE0126, VDE4105, IEC62109, CE, SAA, EN50438 IE

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