

MICROINVERTER

AU-1P6002G-230-EU

Input Data (DC)	
Max Recommended PV Power (Wp)	450W *2
Max DC Open Circuit Voltage (Vdc)	60V
Max DC Input Current	14A * 2
MPPT Tracking Accuracy	>99.5%
MPPT Tracking Range (Vdc)	22V - 55V
Max DC Short Circuit Current	18A * 2
Max Inverter Backfeed Current to the Array	0
Output Data (AC)	
Max AC Output Power (Wp)	600W
Nominal Voltage/Range (Vac)	230V/Configurable
Nominal Frequency (Hz)	50Hz
THD	<3% (at rated power)
Power Factor	> 0.99 (at rated power)
Rated Output Current	2.61A
Current (inrush, peak and duration)	24A, 15 μ s
Max Output Fault Current	4.6A peak
Max Output Overcurrent Protection	10A
Maximum units per branch	6
Efficiency	
Weighted Averaged Efficiency (CEC)	96.5%
Night Time Rate Loss (Wp)	0.11

Protection Functions	
Over/Under Voltage Protection	Yes
Over/Under Frequency Protection	Yes
Anti-islanding Protection	Yes
Overcurrent Protection	Yes
Reverse DC Polarity Protection	Yes
Overload Protection	Yes
Protection Degree	NEMA-6 / IP-66 / IP-67
Environmental	
Ambient Temperature Range	-40 ~ + 65°C
Operating Temperature Range	-40 ~ + 85°C
Environment Category	Indoor and outdoor
Pollution Degree	PD 3
Physical	
Display	LED light
Communications	Power line / Frequency: 2.4 Ghz Standards: IEEE 802.11/b/g/n
Dimensions (W x H x D)	277 * 132 * 50mm
Weight	2.9 kg
Compliance	
Overvoltage Category	II (PV), III (AC MAINS)
Product Safety Compliance	UL 1741, CA Rule 21 Certified, CSA C22.2 No. 107.1, IEC/EN 62109-1 IEC/EN 62109-2
Grid Code Compliance Refer to the label for the detailed grid code compliance	IEEE 1547, VDE-AR-N 4105, VDE V 0126-1-1/A1 G83/2, CEI 021, AS 4777.2 & AS 4777.3, EN50438, Erzeuger Typ A
Warranty	10 years