

Microinverter

☉ 1Phase | 2000W

AU-1P20002G

Advantage

- ☉ Austa microinverters have an isolation transformer and basic isolation between the DC input and the AC output network.



More effective
Max. Efficiency 97.1%



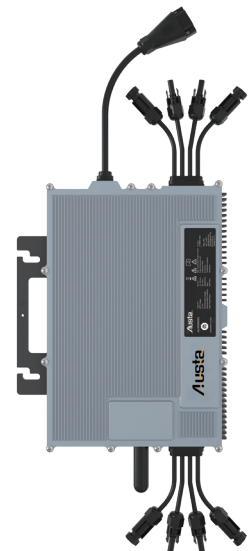
More Reliability
IP66/67



More Secure
Built-in Grounding
Lightning Protection 6000V



More Smart
Built-in Wifi For
Remote Monitoring



Model		AU-1P20002G	
Input Data (DC)			
Max Recommended PV Power (Wp)	700W ×4		
Max DC Open Circuit Voltage (Vdc)	60V		
Max DC Input Current	20A × 4		
MPPT Tracking Accuracy	>99.5%		
MPPT Tracking Range (Vdc)	22V - 55V		
Max DC Short Circuit Current	25A × 4		
Max Inverter Backfeed Current to the Array	0		
Output Data (AC)			
Max AC Output Power (Wp)	2000W		
Nominal Voltage/Range (Vac)	240V/211-264V	208V/183-229V	230V/Configurable
Nominal Frequency (Hz)	60Hz / 59.3 - 60.5Hz		50Hz
THD	<3% (at rated power)		
Power Factor	>0.99 (at rated power)		
Rated Output Current	8.33A	9.62A	8.70A
Current (inrush, peak and duration)	24A, 15μs		
Max Output Fault Current	18A peak		
Max Output Overcurrent Protection	18A		
Maximum units per branch	2		
Efficiency			
Weighted Averaged Efficiency (CEC)	96.50%		
Night Time Rate Loss (Wp)	0.11		
Protection Functions			
Isolation between DC input and AC output network	Yes		
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)	300 * 233 * 38mm		
Weight	5.33 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/A1G83/2, CEI 021, AS 4777.2 & AS 4777.3, EN50438, Erzeuger Typ A, EN 50549, ABNT NBR 16149/16150, IEC 61727 & 62116		
Warranty	10 years		