



Microinverter

☉ 1Phase | 1000W

AU-1P10002G

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-1P10002G	
Input Data (DC)			
Max. recommended PV power		750W×2	
Max. DC open circuit voltage		60V	
Max. DC input current		17A×2	
MPP tracking accuracy		>99.5%	
MPP tracking range		22V - 55V	
Max. DC short circuit current		20A×2	
Max. inverter backfeed current to the array		0	
Output Data (AC)			
Max. AC output power		1000W	
Nominal voltage/range	240V/211-264V	208V/183-229V	230V/Configurable
Nominal frequency		60Hz	50Hz
THD		<3% (at rated power)	
Power factor		>0.99 (at rated power)	
Rated output current	3.99A	4.6A	4.34A
Current (inrush, peak and duration)		9.4A, 15μs	
Max. output fault current		9.6A peak	
Max. output overcurrent protection		10A	
Max. units per branch	4	3	3
Efficiency			
Weighted averaged efficiency (CEC)		96.50%	
Night time rate loss		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)		268* 250 *42mm	
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,EN/ IEC 61000,WEEE	
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, TOR Erzeuger Typ A, VFR2019	
Warranty		10 years	