



# Microinverter

☉ 1Phase | 800W

AU-1P8002G

## 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%



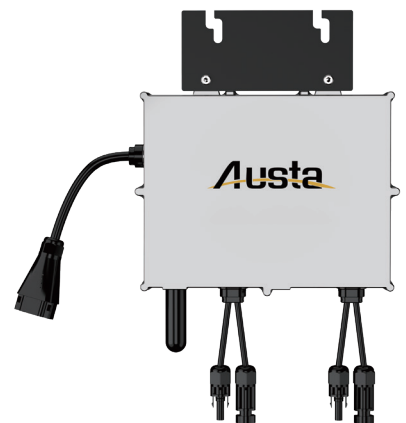
**More Reliability**  
IP66/67



**More Secure**  
Built-in Grounding  
Lightning Protection 6000V



**More Smart**  
Built-in Wifi For  
Remote Monitoring



Model		AU-1P8002G	
<b>Input Data (DC)</b>			
Max. recommended PV power (Wp)	600W×2		
Max. DC open circuit voltage (Vdc)	60V		
Max. DC input current	17A×2		
MPP tracking accuracy	>99.5%		
MPP tracking range (Vdc)	22V - 55V		
Max. DC short circuit current	20A×2		
Max. inverter backfeed current to the array	0		
<b>Output Data (AC)</b>			
Max. AC output power (Wp)	800W		
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	3.33A	3.85A	3.48A
Current (inrush, peak and duration)	9.4A, 15μs		
Max. output fault current	9.6A peak		
Max. output overcurrent protection	10A		
Max. units per branch	5		
<b>Efficiency</b>			
Weighted averaged efficiency (CEC)	95.50%		
Night time rate loss (Wp)	0.11		
<b>Protection Functions</b>			
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		
<b>Environmental</b>			
Ambient temperature range	-40 ~ + 65°C		
Operating temperature range	-40 ~ + 85°C		
Environment category	Indoor and outdoor		
Pollution degree	PD 3		
<b>Physical</b>			
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		
<b>Compliance</b>			
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, VFR2019		
Warranty	10 years		