



Microinverter

☉ 1Phase | 300/350/400W

AU-1P300/350/4002G

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-1P3002G	AU-1P3502G	AU-1P4002G
Input Data (DC)			
Max. recommended PV power	450W	550W	550W
Max. DC open circuit voltage		60V	
Max. DC input current	14A	16A	16A
MPP tracking accuracy		>99.5%	
MPP tracking range	33V - 55V	27V - 55V	27V - 55V
Max. DC short circuit current		18A	
Max. inverter backfeed current to the array		0	
Output Data (AC)			
Max. AC output power	300W	350W	400W
Nominal voltage/range		230V/Configurable	
Nominal frequency		50Hz / 60Hz	
THD		<3% (at rated power)	
Power factor		>0.99 (at rated power)	
Rated output current	1.09A/Configurable	1.5A/Configurable	1.74A/Configurable
Current (inrush, peak and duration)	12A, 15μs	15A, 15μs	15A, 15μs
Max. output fault current	2.2A peak	2.5A peak	2.5A peak
Max. output overcurrent protection		6.3A	
Max. units per branch	14	10	10
Efficiency			
Weighted averaged efficiency (CEC)		96.9%	
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)	180 * 186 * 25mm	180 * 186 * 25mm	180 * 186 * 25mm
Weight	1.5 kg	1.9 kg	1.5 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	