



Microinverter

AU-1P3002G-230-EU
AU-1P3002G-208/240-US



Product features

- Full frequency and voltage ride-through
- Cable options include conventional trunk cable and daisy chain
- Designed for frame mount (AC module) or rail mount
- Built-in WiFi for remote monitoring
- Integrated monitoring and power line communication
- Globally certified for UL, SAA, TUV, VDE, CEI021, G83/2, IEC61727, EN50438 etc.
- Integrated grounding for easy installation
- NEMA-6/IP-66/IP-67 enclosure rating

Input Data (DC)	AU-1P3002G-208/240-US		AU-1P3002G-230-EU
Max Recommended PV Power (Wp)	450W		
Max DC Open Circuit Voltage (Vdc)	60V		
Max DC Input Current	14A		
MPPT Tracking Accuracy	>99.5%		
MPPT Tracking Range (Vdc)	22V - 50V		
Max DC Short Circuit Current	18A		
Max Inverter Backfeed Current to the Array	0		
Output Data (AC)			
Max AC Output Power (Wp)	300W		
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	1.04A	1.20A	1.09A
Current (inrush, peak and duration)	12A, 15µs		
Max Output Fault Current	2.2A peak		
Max Output Overcurrent Protection	6.3A		
Maximum units per branch	15	13	14
Efficiency			
Weighted Averaged Efficiency (CEC)	95.50%		
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)	180 * 186 * 25mm		
Weight	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		
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		



Microinverter

AU-1P4002G-230-EU
AU-1P4002G-208/240-US



Product features

- Conventional trunk cable and daisy chain cable options
- Designed for frame mount and rail mount solutions
- High efficiency: 95.5%
- Built-in WiFi for remote monitoring
- Integrated monitoring and power line communication
- Globally certified for UL, SAA, TUV, VDE, CEI021, G83/2, IEC61727, EN50438 etc.
- Integrated grounding for easy installation
- NEMA-6/IP-66/IP-67 enclosure rating

Input Data (DC)	AU-1P4002G-208/240-US		AU-1P4002G-230-EU
Max Recommended PV Power (Wp)	550W		
Max DC Open Circuit Voltage (Vdc)	60V		
Max DC Input Current	16A		
MPPT Tracking Accuracy	>99.5%		
MPPT Tracking Range (Vdc)	33V - 50V		
Max DC Short Circuit Current	18A		
Max Inverter Backfeed Current to the Array	0		
Output Data (AC)			
Max AC Output Power (Wp)	400W		
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	1.67A	1.92A	1.74A
Current (inrush, peak and duration)	15A, 15µs		
Max Output Fault Current	2.5A peak		
Max Output Overcurrent Protection	6.3A		
Maximum units per branch	11	10	11
Efficiency			
Weighted Averaged Efficiency (CEC)	95.50%		
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)	180 * 186 * 25mm		
Weight	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		
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		



Microinverter

AU-1P6002G-230-EU
AU-1P6002G-208/240-US



Product features

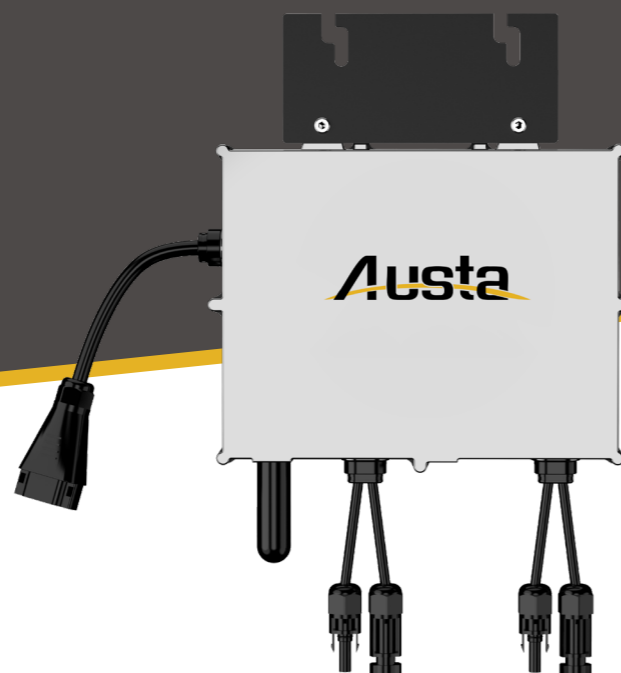
- Low cost per watt microinverter
- High continuous output power up to 600W, recommended for two max 450W solar panels
- High efficiency: 96.5%
- Built-in WiFi for remote monitoring
- Integrated monitoring and power line communication
- Globally certified for UL, SAA, TUV, VDE, CEI021, G83/2, IEC61727, EN50438 etc.
- Integrated grounding for easy installation
- NEMA-6/IP-66/IP-67 enclosure rating

Input Data (DC)	AU-1P6002G-208/240-US		AU-1P6002G-230-EU
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)	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	2.50A	2.88A	2.61A
Current (inrush, peak and duration)	24A, 15µs		
Max Output Fault Current	4.6A peak		
Max Output Overcurrent Protection	10A		
Maximum units per branch	7	6	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		



Microinverter

AU-1P8002G-230-EU
AU-1P8002G-208/240-US



Product features

- Low cost per watt microinverter
- High continuous output power up to 800W, recommended for two max 600W solar panels
- High efficiency: 96.5%
- Built-in WiFi for remote monitoring
- Integrated monitoring and power line communication
- Globally certified for UL, SAA, TUV, VDE, CEI021, G83/2, IEC61727, EN50438 etc.
- Integrated grounding for easy installation
- NEMA-6/IP-66/IP-67 enclosure rating

Input Data (DC)	AU-1P8002G-208/240-US		AU-1P8002G-230-EU
Max Recommended PV Power (Wp)	600W *2		
Max DC Open Circuit Voltage (Vdc)	60V		
Max DC Input Current	17A * 2		
MPPT Tracking Accuracy	>99.5%		
MPPT Tracking Range (Vdc)	22V - 55V		
Max DC Short Circuit Current	20A * 2		
Max Inverter Backfeed Current to the Array	0		
Output Data (AC)			
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	-0.9~0.9 (Adjustable)		0.8un >0.8ov
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		
Maximum units per branch	5		
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)	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		
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		



Microinverter

AU-1P10002G-230-EU
AU-1P10002G-208/240-US



Product features

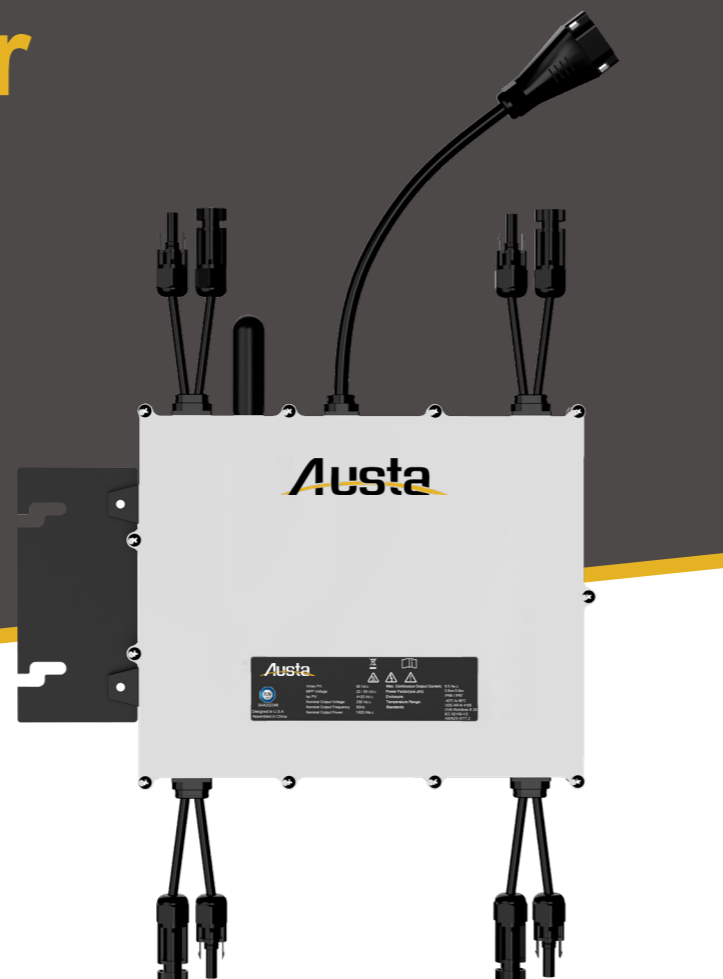
- Low cost per watt micro inverter
- High continuous output power up to 1000W, recommended for two max 750W solar panels
- High efficiency with 96.5%
- Globally certified for UL, SAA, TUV, VDE, CEI021, G83/2, IEC61727, EN50438 etc.
- Integrated grounding for easy installation
- NEMA-6/IP-66/IP-67 enclosure rating
- Integrated monitoring and power line communication

Input Data (DC)	AU-1P10002G-208/240-US		AU-1P10002G-230-EU
Max Recommended PV Power (Wp)	750W×2		
Max DC Open Circuit Voltage (Vdc)	60V		
Max DC Input Current	17A×2		
MPPT Tracking Accuracy	>99.5%		
MPPT Tracking Range (Vdc)	33V - 55V		
Max DC Short Circuit Current	20A×2		
Max Inverter Backfeed Current to the Array	0		
Output Data (AC)			
Max AC Output Power (Wp)	1000W		
Nominal Voltage/Range (Vac)	240V/211-264V	208V/183-228V	230V/Configurable
Nominal Frequency (Hz)	60Hz		50Hz
THD	<3% (at rated power)		
Power Factor	-0.9~0.9 (Adjustable)		0.8un~0.8ov
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		
Maximum units per branch	4	3	3
Efficiency			
Weighted Averaged Efficiency (CEC)	96.50%		
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)	268* 250 *42mm		
Weight	2.9kg		
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, ABNT NBR 16149/16150		
Warranty	10 years		



Microinverter

AU-1P16002G-230-EU
AU-1P16002G-208/240-US



Product features

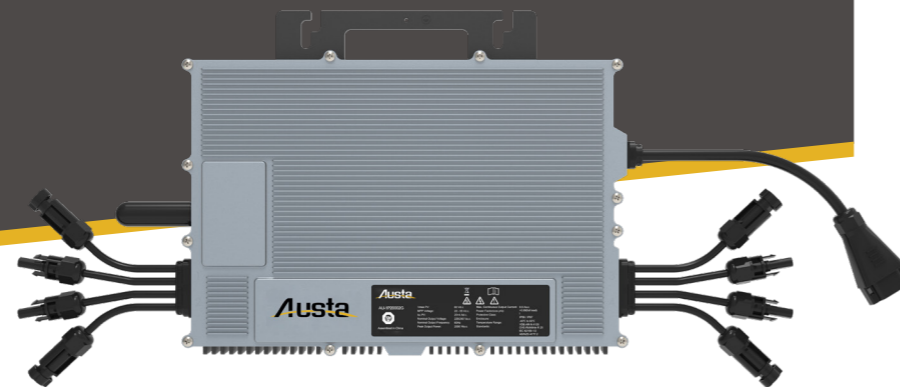
- Low cost per watt microinverter
- High continuous output power up to 1600W, recommended for four max 600W solar panels
- High efficiency: 96.5%
- Integrated monitoring and power line communication
- Globally certified for UL, SAA, TUV, VDE, CEI021, G83/2, IEC61727, EN50438 etc.
- Integrated grounding for easy installation
- NEMA-6/IP-66/IP-67 enclosure rating

Input Data (DC)	AU-1P16002G-208/240-US		AU-1P16002G-230-EU
Max Recommended PV Power (Wp)	600W * 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	20A * 4		
Max Inverter Backfeed Current to the Array	0		
Output Data (AC)			
Max AC Output Power (Wp)	1600W		
Nominal Voltage/Range (Vac)	240V/211-264V	208V/183-229V	230V/Configurable
Nominal Frequency (Hz)	60Hz		50Hz
THD	<3% (at rated power)		
Power Factor	>0.99 (at rated power)		
Rated Output Current	6.25A	7.21A	6.52A
Current (inrush, peak and duration)	24A, 15µs		
Max Output Fault Current	30A peak		
Max Output Overcurrent Protection	15A		
Maximum units per branch	2		
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)	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/A1 G83/2, CEI 021, AS 4777.2 & AS 4777.3, EN50438, Erzeuger Typ A		
Warranty	10 years		



Microinverter

AU-1P20002G-230-EU
AU-1P20002G-208/240-US



Product features

- Low cost per watt microinverter
- High continuous output power up to 2000W, recommended for four max 700W solar panels
- High efficiency: 96.5%
- Built-in WiFi for remote monitoring
- Integrated monitoring and power line communication
- Globally certified for UL, SAA, TUV, VDE, CEI021, G83/2, IEC61727, EN50438 etc.
- Integrated grounding for easy installation
- NEMA-6/IP-66/IP-67 enclosure rating

Input Data (DC)	AU-1P20002G-208/240-US		AU-1P20002G-230-EU
Max Recommended PV Power (Wp)	700W * 4		
Max DC Open Circuit Voltage (Vdc)	60V		
Max DC Input Current	15.5A * 4		
MPPT Tracking Accuracy	>99.5%		
MPPT Tracking Range (Vdc)	35V - 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)	96.5%		
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)	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/A1 G83/2, CEI 021, AS 4777.2 & AS 4777.3, EN50438, Erzeuger Typ A		
Warranty	10 years		