



Smart Micro-Inverter



IP67

One-step "snap to lock" connector design

The modern appearance fits interior design styles

Less than 30s

One-click Wi-Fi connecting

Real-time monitoring, health diagnosis and fault warning



SPECIFICATIONS

INPUT (DC)		OUTPUT (AC)	
Recommended Max PV Power (Wp)	1200	Peak AC Output Power (Wp)	800
MPPT Tracking Accuracy	>99.5%	Rated AC Output Power (Wp)	800
Max DC Open Circuit Voltage (Vdc)	60	Nominal Power Grid Voltage (Vac)	230
MPPT Tracking Range (Vdc)	22-55	Allowable Power Grid Voltage (Vac)	184~253
Max DC Input Current (Adc)	30	Nominal Frequency (Hz)	50
Isc PV (absolute maximum) (Adc)	32	Allowable Power Grid Frequency (Hz)	47.5~51.5
Maximum Inverter Backfeed Current to the Array (Adc)	0	Rated Output Current (Aac)	3.48
Quantity of MPPT	1	Current (inrush)(Peak and Duration)	9A, 80us
		Maximum Output Fault Current (Aac)	/
		Maximum Output Overcurrent Protection (Aac)	9.5A
		THD	<5%
		Power Factor	0.95leading~0.95lagging

SYSTEM SPEC

Night Time Tare Loss (Wp)	<500mW	Communications (Wi-Fi)	Frequency: 2.4 Ghz Standards: IEEE 802.11/b/g/n
Over/Under Voltage Protection	Yes	Dimension (W*H*D)	242*200*33mm
Over/Under Frequency Protection	Yes	Product Weight	3kg
Anti-Islanding Protection	Yes	Wet Location	Suitable
Over Current Protection	Yes	Pollution Degree	PD3
Reverse DC Polarity Protection	Yes	Overvoltage Category	II(AC)
Overload Protection	Yes	Product Safety Compliance	IEC/EN 62109-1 IEC/EN 62109-2
Protection Degree	IP66/67	Grid Code Compliance* (Refer to the label for the detailed grid code compliance)	VDE-AR-N 4105
Ambient Temperature	-40°C to +65°C	Isolation Design	High Frequency Transformers
Operating Temperature	-40°C to +65°C	Cooling	Natural Convection
Display	LED light		

POWER CORD

Wire Size	1mm ²
Cable Length	5m/10m
Plug Type	Schuko