

INPUT(DC)	Recommended Max PV Power (Wp)	1200		
	Max DC Open Circuit Voltage (Vdc)	60		
	Max DC Input Current (Adc)	17 x 2		
	MPPT Tracking Accuracy	>99.5%		
	MPPT Tracking Range (Vdc)	22-55		
	Isc PV (absolute maximum) (Adc)	20 x 2		
	Maximum Inverter Backfeed Current to the Array (Adc)	0		
OUTPUT (AC)	Peak AC Output Power (Wp)	800		
	Rated AC Output Power (Wp)	768	700	750
	Nominal Power Grid Voltage (Vac)	240	208	230
	Allowable Power Grid Voltage (Vac)	211-264*	183-228*	configurable*
	Allowable Power Grid Frequency (Hz)	59.3 - 60.5*		configurable*
	THD	<3% (at rated power)		
	Power Factor (cos phi, fixed)	-0.9~0.9(Adjustable)		0.8un~0.8ov
	Rated Output Current (Aac)	3.2	3.36	3.26
	Current (inrush)(Peak and Duration)	9.4A, 15us		
	Nominal Frequency (Hz)	60	50	
	Maximum Output Fault Current (Aac)	9.6A peak		
	Maximum Output Overcurrent Protection (Aac)	10		
	Maximum Number of Units Per Branch (20A) (All NEC adjustment factors have been considered)	5	5	5
	SYSTEM EFFICIENCY	Weighted Averaged Efficiency (CEC)	96.50%	
Night Time Tare Loss (Wp)		0.11		
PROTECTION FUNCTIONS	Over/Under Voltage Protection	Yes		
	Over/Under Frequency Protection	Yes		
	Anti-Islanding Protection	Yes		
	Over Current Protection	Yes		
	Reverse DC Polarity Protection	Yes		
	Overload Protection	Yes		
	Protection Degree	NEMA-6 / IP-66 / IP-67		
	Ambient Temperature	-40°F to +149°F (-40°C to +65°C)		
	Operating Temperature	-40°F to +185°F (-40°C to +85°C)		
	Display	LED LIGHT		
	Comunications	Power Line		
	Dimension (W-H-D)	8.8"x8.2"x1.38"(268x250x42 mm)		
	Weight	6.4 lbs. (2.9 kg)		
	Environment Category	Indoor and outdoor		
	Wet Location	Suitable		
	Pollution Degree	PD 3		
	Overvoltage Category	II(PV), III (AC MAINS)		
	Product Safety Compliance	UL 1741 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	