

Model	MI-1200		
Input Data(DC)			
Commonly used module power (W)	240 ~ 380		
Peak power MPPT voltage range (V)	32 ~ 48		
Start-up voltage (V)	22		
Operating voltage range (V)	16 ~ 60		
Maxium input voltage (V)	60		
Maxiumum input current (A)	10.5		
Output Data (AC)			
Rated output power (W)	1200		
Rated output current (A)	5.45	5.21	5
Norminal output voltage/range (V)	220/180-275	230/180-275	240/180-275
Norminal frequency/range (Hz)	50/45-55 or 60/55-65		
Power factor	>0.99		
Output current harmonic distortion	<3%		
Maxium units per 20A branch	4	4	4
Efficiency			
Peak inverter efficiency	96.5%	96.5%	96.5%
CEC weighted efficiency	96%	96%	96%
Norminal MPPT efficiency	99.8%		
Night time power consumption (mW)	<50		
Mechanical Data			
Ambient temperature range (°C)	-40 ~ +65		
Dimensions (W X H X D mm)	280 X 176 X 33		
Weight (kg)	3.75		
Enclosure rating	Outdoor-IP67		
Cooling	Natural convection - No fans		
Features			
Communication	2.4G RF		
Monitoring	Hoymiles Monitoring System		
Compliance	IEC/EN 61000-3-2,IEC/EN61000-3-3,IEC/EN 61000-6-2, IEC/EN61000-6-3, IEC/EN 62109-1,IEC/EN 62109-2, AS/NZS 4777.2, VDE-AR-N 4105, VDE V 0126-1-1 EN50438,IEC61727,IEC62116,IEC61683		

Nominal voltage/frequency range can be changed due to the requirements of local power department

