

Model	MI-600		
Input Data(DC)			
Commonly used module power (W)	240~380		
Peak power MPPT voltage range (V)	29 ~ 48		
Start-up voltage (V)	22		
Operating voltage range (V)	16 ~ 60		
Maxium input voltage (V)	60		
Maxiumum input current (A)	11.5		
Output Data (AC)			
Rated output power (W)	600		
Rated output current (A)	2.72	2.60	2.50
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		
Total harmonic distortion	<3%		
Maxium units per branch	8	8	8
Efficiency			
CEC Peak efficiency	96.7%	96.7%	96.7%
CEC weighted efficiency	96.5%	96.5%	96.5%
Norminal MPPT efficiency	99.8%		
Night power consumption (mW)	<50		
Mechanical Data			
Ambient temperature range (°C)	-40~+65		
Dimensions (W X H X D mm)	250 X 170 X28		
Weight (kg)	3.00		
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, 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

MI-600 Datasheet Rev1.0