

Model	MI-300
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
Maxiuum input current (A)	10.5
Output Data (AC)	
Rated output power (W)	300
Rated output current (A)	1.3
Norminal output voltage/range (V)	230/180-275
Norminal frequency/range (Hz)	50/45-55
Power factor	>0.99
Total harmonic distortion	<3%
Maxium units per branch	16
Efficiency	
CEC Peak efficiency	96.7%
CEC weighted efficiency	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)	178 X 153 X28
Weight (kg)	1.98
Enclosure rating	Outdoor-IP67
Cooling	Natural convection - No fans
Features	
Communication	2.4G RF
Monitoring	Hoymiles Monitoring System

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