

<b>MI-250</b>			
<b>Input Data(DC)</b>			
Commonly used module power(W)	200~310		
Peak power MPPT voltage range(V)	27~48		
Start-up voltage(V)	22		
Operating voltage range(V)	16~60		
Maximum input voltage(V)	60		
Maximum input current(V)	10.5		
<b>Output Data(AC)</b>			
Rated output power(W)	250		
Rated output current(A)	1.13	1.08	1.04
Nominal output voltage/range(V)	220/180-275 <sup>1</sup>	230/180-275 <sup>1</sup>	240/180-275 <sup>1</sup>
Nominal frequency/range(V)	50/45-55 <sup>1</sup> or 60/55-65 <sup>1</sup>		
Power factor	>0.99		
Total harmonic distortion	<3%		
Maximum units per branch	20	20	20
<b>Efficiency</b>			
CEC peak efficiency	96.7%	96.7%	96.7%
CEC weighted efficiency	96.5%	96.5%	96.5%
Nominal MPPT efficiency	99.8%		
Night power consumption(mW)	<50		
<b>Mechanical Data</b>			
Ambient temperature range(°C)	-40 ~ +65		
Dimensions(W×H×D mm)	178×153×28		
Weight (kg)	1.98		
Enclosure rating	Outdoor-IP67		
Cooling	Natural convection-No fans		
<b>Features</b>			
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		

<sup>1</sup> Nominal voltage/frequency range can be changed due to the requirements of local power department