

## Product Characteristics

Model No.	MI-1000-208V	MI-1000-240V	MI-1000-220V	MI-1000-230V	MI-1200-220V	MI-1200-230V
<b>Specification</b>						
Power	1 KW	1 KW	1 KW	1 KW	1.2 KW	1.2 KW
Price						
<b>Warranty</b>						
Product Warranty (Min)	25 Years	25 Years	25 Years	25 Years	25 Years	25 Years
<b>Input Data(DC)</b>						
Max. DC Voltage	60 V	60 V	60 V	60 V	60 V	60 V
Min. DC Voltage to Start Feed In	22 V	22 V	22 V	22 V	22 V	22 V
Max. DC Current	10.5 A	10.5 A	10.5 A	10.5 A	10.5 A	10.5 A
MPP(T) Voltage Range	27~48 V	27~48 V	27~48 V	27~48 V	32~48 V	32~48 V
<b>Output Data (AC)</b>						
Max. AC Power	1 kW	1 kW	1 kW	1 kW	1.2 kW	1.2 kW
Output AC Voltage Range	180~275 V	180~275 V	180~275 V	180~275 V	180~275 V	180~275 V
Nominal AC Voltage	208 V	240 V	220 V	230 V	220 V	230 V
Rated AC Current	4.81 A	4.17 A	4.54 A	4.35 A	5.45 A	5.21 A
Frequency Range	55-65 Hz	55-65 Hz	55-65 Hz	45-55 Hz	55-65 Hz	45-55 Hz
Frequency	60 Hz	60 Hz	60 Hz	50 Hz	60 Hz	50 Hz

Power Factor (cosθ)	0.99	0.99	0.99	0.99	0.99	0.99
Distortion (THD)	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %	< 3 %
Max. Efficiency	96.7 %	96.7 %	96.7 %	96.7 %	96.7 %	96.7 %
<b>General Data</b>						
Dimensions (H/W/D)	176x280x33 mm	176x280x33 mm	176x280x33 mm	176x280x33 mm	176x280x33 mm	176x280x33 mm
Weight	3.75 kg	3.75 kg	3.75 kg	3.75 kg	3.75 kg	3.75 kg
Power Consumption at Night	< 0.05 W	< 0.05 W	< 0.05 W	< 0.05 W	< 0.05 W	< 0.05 W
Operating Temperature	-40 ~ +65 °C					
Protection Class	IP67, NEMA 6					
Cooling	Natural					