

NEF-MI-1200



Features

- ◆ Maximum output power up to 1200W ; Adapted to 60&72 cells PV panels
- ◆ Peak efficiency 96.5% ; CEC weighted efficiency 96%
- ◆ Static MPPT efficiency 99.8% ; Dynamic MPPT efficiency 99.67% in overcast weather
- ◆ High reliability : NEMA6(IP67) enclosure ; 6000V surge protection

Model	NEF-MI-1200		
Input Data (DC)			
Recommended input power (W)	Up to 310/380 (Single panel)		
Maximum input voltage (V)	60		
Peak power MPPT voltage range (V)	32~48		
Maximum input current (A)	10.5A x 4		
Nominal MPPT efficiency	99.80%		
Output Data (DC)			
	@208V AC	@240V AC	@230V AC
Peak output power (VA)	1200		
Rated output power (W)	1200		
Maximum continuous current (A)	5.76	5	5.22
Allowable Power Grid Voltage (Vac)	208	240	230
Nominal Frequency (Hz)	183~229	211~264	configurable
Allowable Power Grid Frequency (Hz)	60	60	50
Nominal frequency/range (Hz)	59.3~60.5	59.3~60.5	configurable
Power factor	>0.99		
Output current harmonic distortion	<3%		
Maximum units per 20A branch	3	3	3
Efficiency			
CEC weighted efficiency	96.00%		
Night time power consumption (W)	< 0.08		
Mechanical Data			
Ambient temperature range (°C)	-40 ~ +65		
Operating temperature range (°C)	-40 ~ +85		
Dimensions (W x H x D mm)	280 x 176 x 33		
Weight (kG)	3.75		
Enclosure rating	NEMA6 (IP67)		
Other Features			
Communication	Wireless		
Design lifetime	> 25 years		