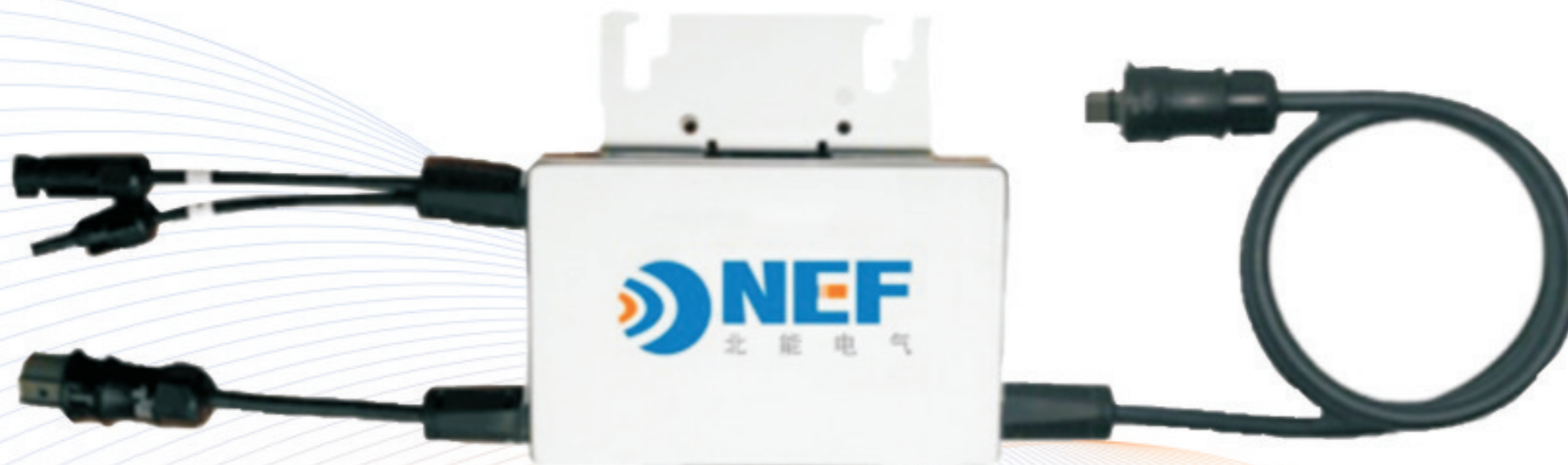


## NEF-MI-250



### Features

- ◆ Designed to connect individual PV module up to 335W
- ◆ peak Efficiency at 96.3%, CEC Efficiency 95%
- ◆ Global certified by both IEC and UL standard
- ◆ NEMA-4X enclosure rating provide the industry best protection for humidity
- ◆ Built-in cable connection, design for plug-and-play installation

Model	NEF-MI-250		
<b>Input Data (DC)</b>			
Recommended input power (W)	Up to 260/300 (Single panel)		
Maximum input voltage (V)	60		
Peak power MPPT voltage range (V)	22 ~ 55		
Maximum input current (A)	12		
Nominal MPPT efficiency	> 99.5%		
<b>Output Data (AC)</b>			
	@208V AC	@240V AC	@230V AC
Peak output power (VA)	250		
Rated output power (W)	250		
Maximum continuous current (A)	1.06	0.92	0.96
Nominal Power Grid Voltage (Vac)	208	240	230
Allowable Power Grid Voltage (Vac)	183~229	211~264	configurable
Nominal Frequency (Hz)	60	60	50
Allowable Power Grid Frequency (Hz)	59.3~60.5	59.3~60.5	configurable
Power factor	>0.99		
Output current harmonic distortion	<3%		
Maximum units per 15A branch	11	13	12
<b>Efficiency</b>			
CEC weighted efficiency	95.00%		
Night time power consumption (W)	< 0.17		
<b>Mechanical Data</b>			
Ambient temperature range (°C)	-40 ~ +65		
Operating temperature range (°C)	-40 ~ +85		
Dimensions ( W x H x D mm)	230 x 138 x 35		
Weight (kG)	2		
Enclosure rating	NEMA6 ( IP67 / IP67 )		
<b>Other Features</b>			
Communication	Power Line		
Design lifetime	> 25 years		