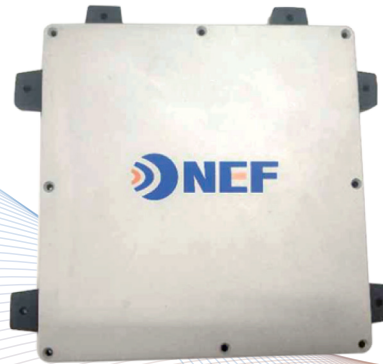


# MICRO INVERTER NEF-MI-300



## Features

- ◆ Global certified by both IEC and UL , comply to Hawaii electric TrOV-2 & voltage ride-through requirement
- ◆ Designed to connect individual PV module up to 380W
- ◆ CEC Efficiency at 95.5% , improve overall solar system output
- ◆ Thinnest micro inverter in the world with 25mm thickness , best for both frame mouneted and rail mounted solution
- ◆ NEMA6 ( IP67 ) enclosure rating providethe industry best protection for humidity
- ◆ Integrated grounding and flexible cable option (trunk cable & daisy chain) make installation easier

Model	NEF-MI-300		
<b>Input Data (DC)</b>			
Recommended input power (W)	Up to 380 (Single panel)		
Maximum input voltage (V)	60		
Peak power MPPT voltage range (V)	20~55		
Maximum input current (A)	12		
Nominal MPPT efficiency	> 99.5%		
<b>Output Data (AC)</b>			
	@208V AC	@240V AC	@230V AC
Peak output power (W)	300		
Rated output power (W)	250		
Maximum continuous current (A)	1.2	1.04	1.09
Nominal Power Grid Voltage (Vac)	208	240	230
Allowable Power Grid Voltage (Vac)	183~229	211~264	configurable
Nominal Frequency(Hz)	60	60	50/60
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 20A branch	13	15	14
<b>Efficiency</b>			
CEC weighted efficiency	95.50%		
Night time power consumption (W)	< 0.06	< 0.08	< 0.07
<b>Mechanical Data</b>			
Ambient temperature range (°C)	-40 ~ +65		
Operating temperature range (°C)	-40 ~ +85		
Dimensions ( W × H × D in)	7.087" × 7.323" × 0.984"		
Weight	4.630 lb (74.075 oz)		
Enclosure rating	NEMA6 ( IP67 )		
<b>Other Features</b>			
Communication	Power Line		
Design lifetime	> 25 years		