



Microinverter

Solar Solutions



Micro Inversor Fotovoltaico de 250W

Registro Inmetro 004012/2016,



MI-250 Microinverter



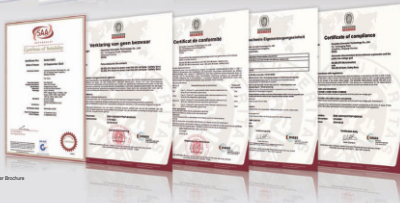
Highlights

Maximum output power up to 300W, Adapted to 60 & 72 cells PV panels

Peak efficiency 96.7%, CEC efficiency 96.5%

Static MPPT efficiency 99.8%, Dynamic MPPT efficiency 99.76% in heavy cloudy day

High reliability: NEMA5(IP67) enclosure, 6000V surge protection



Model	MI-250-NA(For North America)		MI-250-EU(For Europe Australia and China)	
Input Data(DC)				
Recommended input power (W)	200~310			
Peak power MPPT voltage range (V)	27~48			
Operating voltage range (V)	16~60			
Maximum input voltage (V)	60			
Maximum input current (A)	10.5			
Output Data (AC)	@208V AC	@240V AC	@230V AC	
Rated output power (W)	250	250	250	
Rated output current (A)	1.20	1.04	1.09	
Nominal output voltage(range) (V)	208/183-229	240/211-264	230/200-270	
Nominal frequency(range) (Hz)	60/57-62.5	60/57-62.5	50/45-55	
Power factor	>0.99	>0.99	>0.99	
Output current harmonic distortion	<3%	<3%	<3%	
Maximum units per 20A branch	13	15	14	
Efficiency				
Peak inverter efficiency	96.7%			
CEC weighted efficiency	96.5%			
Nominal MPPT efficiency	99.8%			
Night time power consumption (mW)	<50			
Mechanical Data				
Ambient temperature range (°C)	-40~+65			
Operating temperature range (°C)	-40~+85			
Dimensions (W×H×D mm)	183×164×28			
Weight (kg)	1.65		1.98	
Enclosure rating	NEMA6		IP67	
Cooling	Natural convection – No fans			
Features				
Communication	Wireless			
Warranty	Standard 12 years (can be extended to 25 years)			
Compliance	FCC Part15 Class B UL1741 CAN/CSA-C22.2 NO. 0-M91, 0.4-04, and 107.1-01 IEEE1547		EN6100-6-1/2/3/4 CNCA/CTS0004:2009A EN 62109-1/2 AS3100 \ AS4777 VDE4105 \ VDE0126 EN50438:2013 UTE C 15-712-1	