



MI-500/600

Highlights

- Single microinverter connects two PV modules
- Individual MPPT for each module
- Maximum output power up to 600W
- Peak efficiency 96.7%,CEC weighted efficiency 96.5%
- Static MPPT efficiency 99.8%, dynamic MPPT efficiency 99.76% in heavy cloudy day
- High reliability: NEMA6 (IP67) enclosure, 6000V surge protection



Model MI-500 MI-600

Input Data(DC)						
Recommended input power (W)	200~310			200~300		
Peak power MPPT voltage range (V)	27~48			29~48		
Operating voltage range (V)	16~60			16~60		
Maxium input voltage (V)	60			60		
Maxium input current (A)	10.5			11.5		
Output Data (AC)	MI-500-NA		MI-500-EU	MI-600-NA		MI-600-EU
	@208V AC	@240V AC	@230V AC	@208V AC	@240V AC	@230V AC
Rated output power (W)	500	500	500	600	600	600
Rated output current (A)	2.40	2.08	2.17	2.88	2.50	2.61
Norminal output voltage/range (V)	208/183-250	240/211-264	230/180-275	208/183-250	240/211-264	230/180-275
Norminal frequency/range (Hz)	60/59.3-60.5	60/59.3-60.5	50/45-55	60/59.3-60.5	60/59.3-60.5	50/45-55
Power factor	>0.99	>0.99	>0.99	>0.99	>0.99	>0.99
Output current harmonic distortion	<3%	<3%	<3%	<3%	<3%	<3%
Maxium units per 20A branch	6	7	7	5	6	6
Efficiency						
Peak inverter efficiency				96.7%		
CEC weighted efficiency				96.5%		
Norminal 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 X H X D mm)				250 X 170 X 28		
Weight (kg)				3.00		
Enclosure rating				IP67		
Cooling				Natural convection - No fans		
Features						
Communication				Wireless		
Design life				> 25 years		
Compliance	FCC Part15 ClassB		EN6100-6-1/2/3/4	EN50438:201		
	UL1741		CNCA/CTS0004:2009A	UTE C 15-712-1		
	CAN/CSA-C22.2 NO.0-M91,0.4-04, and 107.1-01		EN62109-1/2	INMETRO		
	IEEE1547		AS3100 \ AS4777	GS9/2 683/2		
		VDE4105 \ VDE0126				

High Reliability Based on World's Top Supplier Partners

