

MI-600LT/MI-700LT


Highlights

- Single microinverter connects two PV modules with individual MPPT
- Maximum output power up to 600/700/800W; Adapted to 60 & 72 cells PV panels
- Static MPPT efficiency 99.80%; Dynamic MPPT efficiency 99.76% in overcast weather
- High reliability; NEMA6 (IP67) enclosure; 6000V surge protection



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Model

MI-600LT

MI-700LT

Input Data (DC)

Commonly used module power (W)	240~380	280~440
Module compatibility	60-cell or 72-cell PV modules	60-cell or 72-cell PV modules
Peak power MPPT voltage range (V)	29 ~ 48	33~48
Start-up voltage (V)	22	22
Operating voltage range (V)	16-60	16-60
Maximum input voltage (V)	60	60
Maximum input current (V)	2*11.5	2*11.5

Output Data (AC)

Rated output power (W)	600	700
Rated output current (A)	5	5.83
Nominal output voltage / range (V)	120/95-155	120/95-155
Nominal frequency/range (Hz)	60/55-65	60/55-65
Power factor	>0.99	>0.99
Total harmonic distortion	<3%	<3%
Maximum units per branch	5	4

Efficiency

CEC peak efficiency	96.70%	96.70%
CEC weighted efficiency	96.50%	96.50%
Nominal MPPT efficiency	99.80%	99.80%
Nighttime power consumption (mW)	<50	<50

Mechanical Data

Ambient temperature range (°C)	-40~+65
Dimensions (W×H×D mm)	250x170x28
Weight (kg)	2.6
Enclosure rating	Outdoor-IP67
Cooling	Natural convection – No fans

Features

Communication	2.4GHz Proprietary RF(Nordic)
Monitoring	Hoymiles monitoring system
Warranty	Up to 25 years
Compliance	UL1741, IEEE1547, CSA C22.2 No. 107.1-16, NOM-001-SCFI-1993, FCC Part15, ANSI C63.4, ICES-003, ABNT NBR 16149:2013, ABNT NBR 16150:2013, Anatel

¹ Nominal voltage/frequency range can be changed due to the requirements of local power department