

Micro Inverter

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300W-500W Micro Inverter 1-1



Smart App
Free smart WIFI monitor, can be installed within 30S.



Individual MPPT
1-4pcs individual MPPT trackers, max efficiency up to 99%.



Flexibility
Parallel-able version optional for easy expansion.



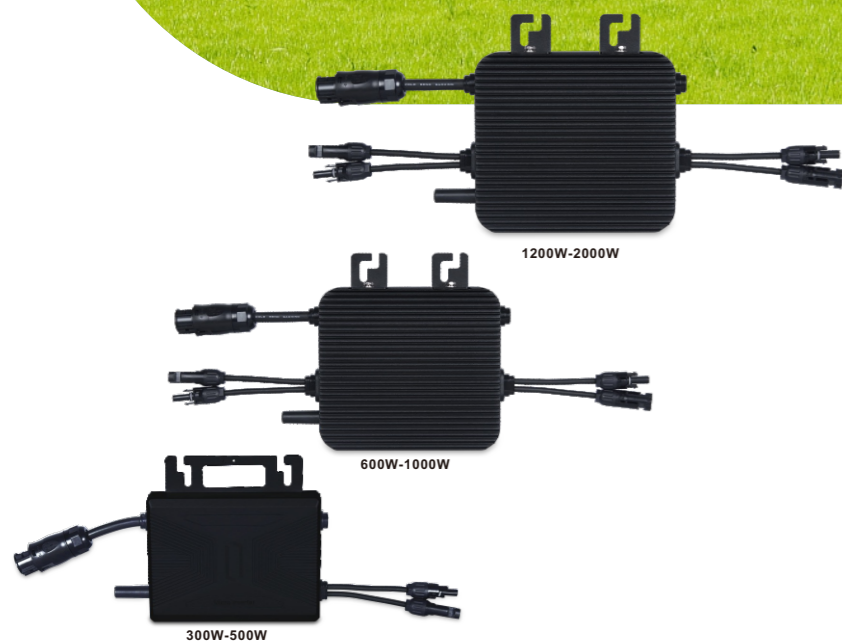
IP67
IP67 protection, optimizes the performance, 10 years warranty.



Safety
Low starting voltage (up to 60Vdc PV input), relay integrated for better protection.



DIY
Easy installation, intelligent operation, user friendly.



Technical Specifications						
Model No.	CA300-EU-230		CA400-EU-230		CA500-EU-230	
DC Input Data						
Commonly used module power (W)	210 to 455W (1 Piece)		210 to 550W+ (1 Pieces)		210 to 650W+ (1 Pieces)	
Maximum input voltage (V)	60V					
MPPT voltage range (V)	25~55V					
Start-up voltage (V)	25V					
Maximum input current (A)	13A					
Maximum input short circuit current (A)	19.5A					
Number of MPPT	1					
Number of Inputs per MPPT	1					
AC Output Data						
Rated output power (VA)	300VA		400VA		500VA	
Rated output current (A)	1.4A	1.3A	1.8A	1.7A	2.3A	2.2A
Nominal output voltage/range (V)	220V/ 180-275V	230V/ 180-275V	220V/ 180-275V	230V/ 180-275V	220V/ 180-275V	230V/ 180-275V
Nominal frequency/range (Hz)	50/48~52Hz or 60/58~62Hz					
Power factor	>0.99					
Total harmonic distortion	< 3%					
Maximum units per 13 AWG branch ²	17pcs		12pcs		10pcs	
Efficiency						
Peak inverter efficiency	96.5%					
CEC weighted efficiency	95%					
Nominal MPPT efficiency	99%					
Night power consumption (mW)	<50mW					
Mechanical Data						
Ambient temperature range (°C)	-40~65°C					
Enclosure rating	IP67					
Cooling	Natural Cooling -No fans					
Product dimensions (W×H×D mm)	190*184*34mm					
Qty per carton (pcs)	1pc per inner box, 8pcs per master carton					
Packing size (W×H×D mm)	Inner box (1pc/ctn): 425*260*68mm; Master carton(8pcs/ctn):440*280*560 mm					
Product weight. (kg, per piece)	Independent type(1pc): 3.2kg; (Parallel-able type(1pc): 2.7kgs					
G.W. per inner box (kgs)	Independent type(1pc/ctn): 3.5kg/ctn; (Parallel-able type(1pc/ctn): 3kgs					
G.W. per master carton (kgs)	Independent type(8pcs/ctn): 30kg/ctn; (Parallel-able type(8pcs/ctn): 25kgs					
QTY per container (pcs)	20FT: 2304pcs (12 pallets); 40HQ: 4608pcs(24 pallets)					
Others						
Communication	WiFi					
Compliance	EN 50549-1: 2019, VDE-AR-N 4105: 2018, IEC62109, CEI021, VDE0126, G98, RED, CE					
Warranty	10 years					



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600W-1000W Micro Inverter 2-1

Technical Specifications						
Model No.	CA600-EU-230		CA800-EU-230		CA1000-EU-230	
DC Input Data						
Commonly used module power (W)	210 to 455W (2 Piece)		210 to 550W+ (2 Pieces)		210 to 650W+ (2 Pieces)	
Maximum input voltage (V)	60V					
MPPT voltage range (V)	25~55V					
Start-up voltage (V)	25V					
Maximum input current (A)	2×13A					
Maximum input short circuit current (A)	2×19.5A					
Number of MPPT	2					
Number of Inputs per MPPT	1					
AC Output Data						
Rated output power (VA)	600VA		800VA		1000VA	
Rated output current (A)	2.7A	2.6A	3.6A	3.5A	4.5A	4.4A
Nominal output voltage/range (V)	220V/ 180-275V	230V/ 180-275V	220V/ 180-275V	230V/ 180-275V	220V/ 180-275V	230V/ 180-275V
Nominal frequency/range (Hz)	50/48~52Hz or 60/58~62Hz					
Power factor	>0.99					
Total harmonic distortion	< 3%					
Maximum units per 13 AWG branch ²	8pcs		6pcs		5pcs	
Efficiency						
Peak inverter efficiency	96.5%					
CEC weighted efficiency	95%					
Nominal MPPT efficiency	99%					
Night power consumption (mW)	<50mW					
Mechanical Data						
Ambient temperature range (°C)	-40~65°C					
Enclosure rating	IP67					
Cooling	Natural Cooling -No fans					
Product dimensions (W×H×D mm)	212x230x44.75mm					
Qty per carton (pcs)	1pc per inner box, 5pcs per master carton					
Packing size (W×H×D mm)	Inner box (1pc/ctn): 440*286*68mm; Master carton(5pcs/ctn):455*305*355 mm					
Product weight. (kg, per piece)	Independent type(1pc): 4.0kg; (Parallel-able type(1pc): 3.5kgs					
G.W. per inner box (kgs)	Independent type(1pc/ctn): 4.4kg/ctn; (Parallel-able type(1pc/ctn): 4kgs					
G.W. per master carton (kgs)	Independent type(5pcs/ctn): 23kg/ctn; (Parallel-able type(5pcs/ctn):21kgs					
QTY per container (pcs)	20FT: 2160pcs (12 pallets); 40HQ: 5040pcs(24 pallets)					
Others						
Communication	WiFi					
Compliance	EN 50549-1: 2019, VDE-AR-N 4105: 2018, IEC62109, CEI021, VDE0126, G98, RED, CE					
Warranty	10 years					

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1200W-2000W Micro Inverter 4-1

Technical Specifications						
Model No.	CA1200-EU-230		CA1600-EU-230		CA2000-EU-230	
DC Input Data						
Commonly used module power (W)	210 to 455W (4 Piece)		210 to 550W+ (4 Pieces)		210 to 650W+ (4 Pieces)	
Maximum input voltage (V)	60V					
MPPT voltage range (V)	25~55V					
Start-up voltage (V)	25V					
Maximum input current (A)	4×13A					
Maximum input short circuit current (A)	4×19.5A					
Number of MPPT	4					
Number of Inputs per MPPT	1					
AC Output Data						
Rated output power (VA)	1200VA		1600VA		2000VA	
Rated output current (A)	5.4A	5.2A	7.3A	7A	9.1A	8.7A
Nominal output voltage/range (V)	220V/ 180-275V	230V/ 180-275V	220V/ 180-275V	230V/ 180-275V	220V/ 180-275V	230V/ 180-275V
Nominal frequency/range (Hz)	50/48~52Hz or 60/58~62Hz					
Power factor	>0.99					
Total harmonic distortion	< 3%					
Maximum units per 13 AWG branch ²	4pcs		4pcs		3pcs	
Efficiency						
Peak inverter efficiency	96.5%					
CEC weighted efficiency	95%					
Nominal MPPT efficiency	99%					
Night power consumption (mW)	<50mW					
Mechanical Data						
Ambient temperature range (°C)	-40~65°C					
Enclosure rating	IP67					
Cooling	Natural Cooling -No fans					
Product dimensions (W×H×D mm)	267*300*42mm					
Qty per carton (pcs)	1pc					
Packing size (W×H×D mm)	480*400*68 mm					
Product N.W. (kg, per piece)	Independent type(1pc):6.1kg; (Parallel-able type(1pc): 5.6kgs					
G.W. per master carton (kgs)	Independent type(1pcs/ctn): 6.6kg/ctn; (Parallel-able type(1pcs/ctn):6kgs					
QTY per container (pcs)	20FT: 1584pcs (12 pallets); 40HQ: 3168pcs(24 pallets)					
Others						
Communication	WiFi					
Compliance	EN 50549-1: 2019, VDE-AR-N 4105: 2018, IEC62109, CEI021, VDE0126, G98, RED, CE					
Warranty	10 years					