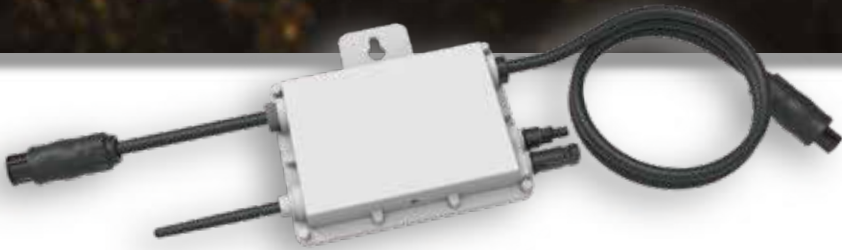


# Microinverter

SUN300G3-US-220/EU-230  
SUN500G3-US-220/EU-230



- Support reactive power compensation
- 1 MPP tracker, module level monitoring
- Rapid shutdown function
- IP67 protection degree, 10 years warranty
- PLC, Zigbee or WIFI communication

## Technical Data

Model	SUN300G3-US-220		SUN300G3-EU-230		SUN500G3-US-220		SUN500G3-EU-230	
Input Data (DC)								
Recommended input Power (STC)	210~400W (1 Piece)			210~600W (1 Piece)				
Maximum input DC Voltage	60V							
MPPT Voltage Range	25~55V							
Operating DC Voltage Range	20~60V							
Max. DC Short Circuit Current	19.5A							
Max. input Current	13A							
Number of MPPT / Strings per MPPT	1/1							
Output Data (AC)								
Rated output Power	300W			500W				
Rated output Current	1.4A	1.3A		2.3A		2.2A		
Nominal Voltage / Range (this may vary with grid standards)	220V / 176-242V	230V / 184~265V		220V / 176-242V		230V / 184~265V		
Nominal Frequency / Range	50 / 60Hz							
Extended Frequency / Range	45~55Hz / 55~65Hz							
Power Factor	>0.99							
Maximum units per branch	17			10				
Efficiency								
CEC Weighted Efficiency	95%							
Peak Inverter Efficiency	96.5%							
Static MPPT Efficiency	99%							
Night Time Power Consumption	50mW							
Mechanical Data								
Ambient Temperature Range	-40~65							
Size (mm)	189W×184H×31.5D (Without mounting bracket and cable)							
Weight (kg)	2							
Cooling	Natural cooling							
Enclosure Environmental Rating	IP67							
Features								
Compatibility	Compatible with 60~72 cell PV modules							
Communication	Power line / WIFI / Zigbee							
Grid Connection Standard	EN50549-1, VDE0126-1-1, VDE 4105, ABNT NBR 16149, ABNT NBR 16150, ABNT NBR 62116, RD1699, UNE 206006 IN, UNE 206007-1 IN, IEEE1547							
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3							
Warranty	10 years							

# Microinverter

SUN600G3-US-220/EU-230

SUN800G3-US-220/EU-230

SUN1000G3-US-220/EU-230



- Support reactive power compensation
- 2 MPP trackers, module level monitoring
- Rapid shutdown function
- IP67 protection degree, 10 years warranty
- PLC, Zigbee or WIFI communication

## Technical Data

Model	SUN600G3-US-220		SUN600G3-EU-230	SUN800G3-US-220		SUN800G3-EU-230		SUN1000G3-US-220		SUN1000G2-EU-230		
Input Data (DC)												
Recommended input Power (STC)	210~400W (2 Pieces)			210~500W (2 Pieces)			210~600W (2 Pieces)					
Maximum input DC Voltage	60V											
MPPT Voltage Range	25~55V											
Operating DC Voltage Range	20~60V											
Max. DC Short Circuit Current	2×19.5A											
Max. input Current	2×13A											
Number of MPPT / Strings per MPPT	2/1											
Output Data (AC)												
Rated output Power	600W			800W			1000W					
Rated output Current	2.7A		2.6A		3.6A		3.5A		4.5A		4.3A	
Nominal Voltage / Range (this may vary with grid standards)	220V / 176-242V		230V / 184~265V		220V / 176-242V		230V / 184~265V		220V / 176-242V		230V / 184~265V	
Nominal Frequency / Range	50 / 60Hz											
Extended Frequency / Range	45~55Hz / 55~65Hz											
Power Factor	>0.99											
Maximum units per branch	8			6			5					
Efficiency												
CEC Weighted Efficiency	95%											
Peak Inverter Efficiency	96.5%											
Static MPPT Efficiency	99%											
Night Time Power Consumption	50mW											
Mechanical Data												
Ambient Temperature Range	-40~65											
Size (mm)	212W×230H×40D (Without mounting bracket and cable)											
Weight (kg)	3.5											
Cooling	Natural cooling											
Enclosure Environmental Rating	IP67											
Features												
Compatibility	Compatible with 60~72 cell PV modules											
Communication	Power line / WIFI / Zigbee											
Grid Connection Standard	EN50549-1, VDE0126-1-1, VDE 4105, ABNT NBR 16149, ABNT NBR 16150, ABNT NBR 62116, RD1699, UNE 206006 IN, UNE 206007-1 IN, IEEE1547											
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3											
Warranty	10 years											

# Microinverter

SUN1300G3-US-220/EU-230    SUN1600G3-US-220/EU-230  
SUN1800G3-US-220/EU-230    SUN2000G3-US-220/EU-230



- Support reactive power compensation
- 4 MPP trackers, module level monitoring
- Rapid shutdown function
- IP67 protection degree, 10 years warranty
- PLC, Zigbee or WIFI communication
- Max. DC input current of 13A, adapt to 550W PV module

## Technical Data

Model	SUN1300G3 -US-220	SUN1300G3 -EU-230	SUN1600G3 -US-220	SUN1600G3 -EU-230	SUN1800G3 -US-220	SUN1800G2 -EU-230	SUN2000G3 -US-220	SUN2000G2 -EU-230
Input Data (DC)								
Recommended input Power (STC)	210~400W (4 Pieces)		210~500W (4 Pieces)		210~500W (4 Pieces)		210~600W (4 Pieces)	
Maximum input DC Voltage	60V							
MPPT Voltage Range	25~55V							
Operating DC Voltage Range	20~60V							
Max. DC Short Circuit Current	4×19.5A							
Max. input Current	4×13A							
Number of MPPT / Strings per MPPT	4/1							
Output Data (AC)								
Rated output Power	1300W		1600W		1800W		2000W	
Rated output Current	5.9A	5.7A	7.3A	7A	8.2A	7.8A	9.1A	8.7A
Nominal Voltage / Range (this may vary with grid standards)	220V / 176-242V	230V / 184~265V	220V / 176-242V	230V / 184~265V	220V / 176-242V	230V / 184~265V	220V / 176-242V	230V / 184~265V
Nominal Frequency / Range	50 / 60Hz							
Extended Frequency / Range	45~55Hz / 55~65Hz							
Power Factor	>0.99							
Maximum units per branch	4		4		3		3	
Efficiency								
CEC Weighted Efficiency	95%							
Peak Inverter Efficiency	96.5%							
Static MPPT Efficiency	99%							
Night Time Power Consumption	50mW							
Mechanical Data								
Ambient Temperature Range	-40~65							
Size (mm)	267W×300H×42.5D (Without mounting bracket and cable)							
Weight (kg)	5.2							
Cooling	Natural cooling							
Enclosure Environmental Rating	IP67							
Features								
Compatibility	Compatible with 60~72 cell PV modules							
Communication	Power line / WIFI / Zigbee							
Grid Connection Standard	EN50549-1, VDE0126-1-1, VDE 4105, ABNT NBR 16149, ABNT NBR 16150, ABNT NBR 62116, RD1699, UNE 206006 IN, UNE 206007-1 IN, IEEE1547							
Safety EMC / Standard	UL 1741, IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-2, IEC61000-3-3							
Warranty	10 years							



# Smart PV Management Platform



Residential monitoring solution takes great care to ensure that your PV system is in excellent operation throughout its entire life-cycle. This monitoring solution offer you details information of your power generating plant including Today energy, Monthly energy, yearly energy, total energy etc, through wireless communication with your router to the internet by a smart wifi plug. User can easily access to the monitoring page via PC web or phone APP.

Maximum your energy output while minimizing your costs. Scan the QR code to build your power station !

## Efficiency

- Open station supports one-click installation and registration;
- Problem support one-click dispatch and navigation.

## Safe

- Safe operation, traceable logs, etc;
- Support full lifecycle data storage to ensure data security and reliability.

