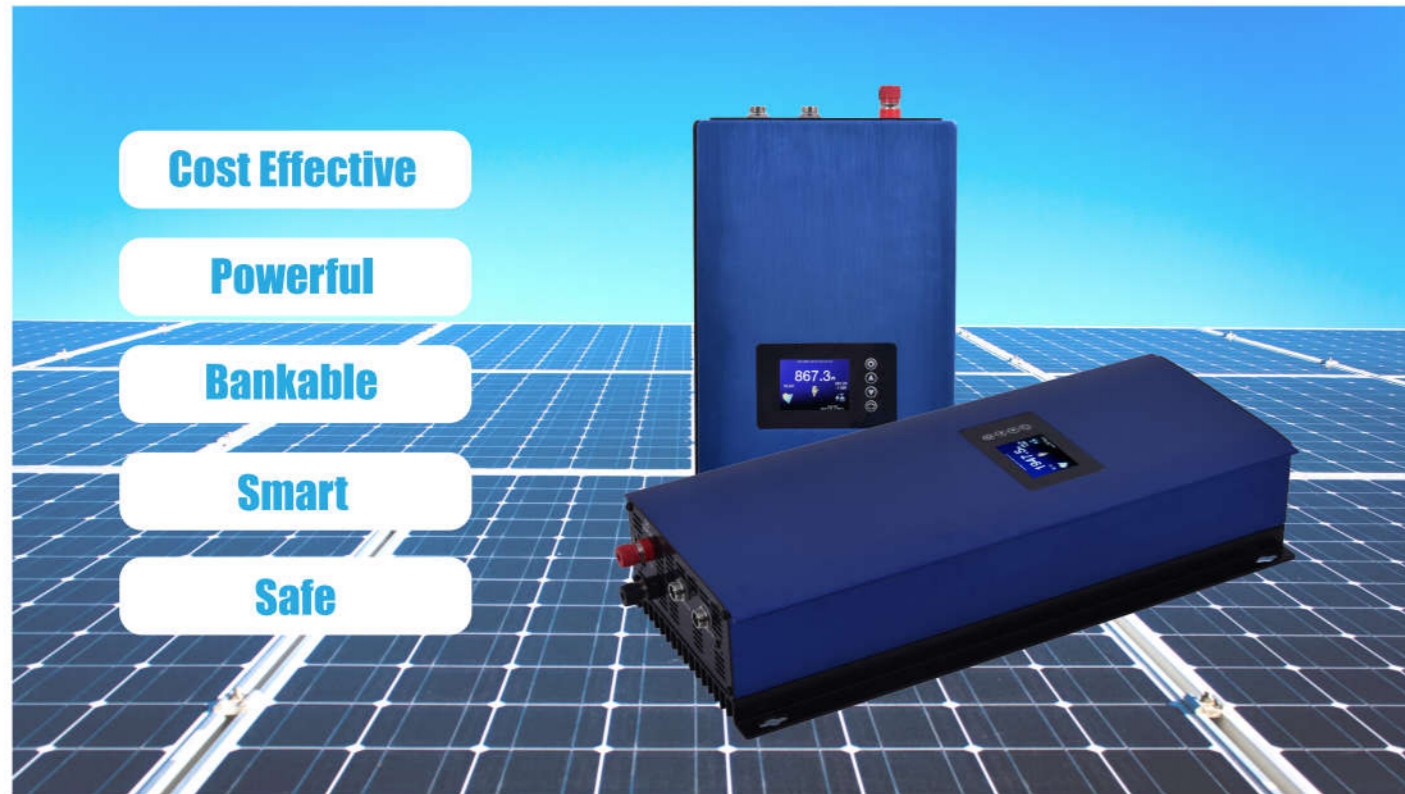


# Solar Power Inverter



Cost Effective

Powerful

Bankable

Smart

Safe

- Easy installation, Can be paralleled on AC side
- Nice LCD display various parameters including input voltage, output power, temperature, power curve, output sine waveform etc.
- Can be integrated with internal limit function
- Battery discharge power mode enabled, Can auto regulate depth of discharge of the battery bank.
- Wifi wireless communication extended interface, enable inverter power production data collect by wifi plug and monitor on PC web or Phone APP.
- RS485 extended interface serviceable.

## Optional models:

1kW

SUN-1000GTIL2-LCD

2kW

SUN-2000GTIL2-LCD

Deye 2nd Generation grid tie inverter, designed by totally new excellent architecture, enable the inverter with much better output pure sine waveform and PF value. With nice LCD display showing various parameters and with very easy installation.



## Technical Specifications

INPUT DATA (DC)	SUN-1000GTIL2-LCD	SUN-2000GTIL2-LCD
Input Voltage Range	22 - 65VDC/45-90VDC	45-90VDC
Maximum Input DC Voltage	65V/90V	90V
Peak power Tracking Voltage	25V - 60V/50V-90V	50V - 90V
Operating DC Voltage Range	22V - 65V	45V - 90V
Start-up Voltage	25V/49V	49V
OUTPUT DATA (AC)		
Maximum Output Power	1000W	2000W
Nominal Voltage	110VAC/230VAC	230VAC
Nominal Voltage Range	95-140V/185-265V	185-265V
Frequency Range	47.5-51.5 for 50hz, 59.3-60.5 for 60hz	
Power Factor	>0.95	
Output Waveform	Pure Sine Wave	
CHARACTERISTIC DATA		
MPPT Efficiency	99%	
Over Current Protection	Yes	
Over Temperature Protection	Yes	
Reverse Polarity Protection	Yes	
Anit-Island Protection	Yes	
Stackable	Just for AC Output	
Operating Temperature Range	-20°C ~ 45°C	
Storage Temperature Range	-40°C ~ 65°C	
Current THD	<5%	
Voltage THD	<5%	
Standard	CE, EN50438	
Efficiency	92%	
Features		
Net Weight	3.6Kg	5.5Kg
Gross Weight	5.0Kg	6.5Kg
Dimension(Package)	430mm×310mm×160mm	540mm×310mm×160mm