

# 6kW to 10kW

Ginlong Solis US Version Single Phase Inverters



- Industry-leading 3 and 4 MPPT designs
- 97.8% peak efficiency (97.5% CEC efficiency)
- High switching frequency at 30KHz, reducing induction loss and noise level
- The 5th generation Infineon IGBT technolog, improving the efficiency by 0.5-0.8%
- The latest TI2806 DSP, improving CPU processing speed and PWM resolution increased by 1.5 times
- Fan-less natural convection technology and NEMA 4X enclosure for high reliability
- Easy to install and visually pleasing for indoor or outdoor installations
- Integrated Arc Fault Circuit Interrupt (AFCI) option
- RS485 Modbus communication protocol with Wi-Fi interface
- Web based data monitoring with downloadable Solis Web App.
- 10 Year Standard Warranty with extension options



### **Accessories & Monitoring**

WiFi Stick



Web Box



Rapid Shutdown Device





Contact us today.

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#### Manufacturer:

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## **Technical Specifications**

М	od	lel		

**Energy Source** 

#### **DC Values**

Max. power per MPPT(Watts)

Max. voltage(Volts)
Startup voltage(Volts)

Full power MPPT voltage range(Volts)

Operating MPPT Voltage Range

Max. usable input current per MPPT(Amps)
Max. short circuit input current(Amps)

Number of MPPT Inputs per MPPT

#### AC Values (240Vac and 208Vac)

Nominal output power 240/208V grid (Watts)

Max continuous output

Operating voltage range(Volts)

Relative Humidity Range

Max. continuous output current 240/208V (Amps)

Max. overcurrent protection device 240/208V (Amps)

Output Power Factor Grid THD (current)

Operating frequency range (Hertz)

Ambient operating temperature range

#### **Efficiency**

Peak efficiency

CEC weighted efficiency

MPPT efficiency

#### **Protection**

Temperature protection

DC reverse-polarity protection

AC short circuit protection

AC output overcurrent protection

Output overvoltage protection-Varistor

Ground fault monitoring

Grid monitoring

Islanding protection

Integrated AFCI(DC are-fault circuit protection)

Rapid shutdown

#### General Data

Dimensions(W\*H\*D)

Weight

Topology

Internal consumption

Enclosure type

Noise emission(typical)

Cooling concept

Max.operating altitude without derating

Compliance

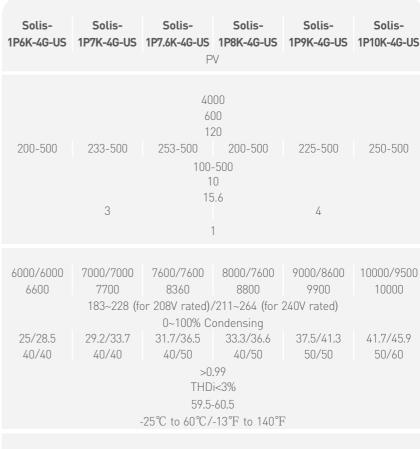
#### **Features**

Connections

Display

Interface

Warranty



97.8%
97.5%
>99%

	Yes
	Yes
C	ptional

13.1\*25.8\*9.8in

43.2lb

Transformerless

<1W (Night)

NEMA 4X

<30 dBA

Natural convection

13120ft (4000m)

UL 1741, UL 1998, UL 1699B, IEEE 1547, FCC Part 15 (Class A & B), CAN/CSA C22.2 107.1-1

Plugged 1 1/4" ID on sides, Plugged 1 1/2" ID on bottom LCD, 2x20 Z. RS 485, WiFi/GPRS (optional) 10 Years STD (Extendable to 20 Years)

