



## Remote Monitoring And Control E-SUN Hybrid Inverters With Wi-Fi And GPRS

### Basic Information

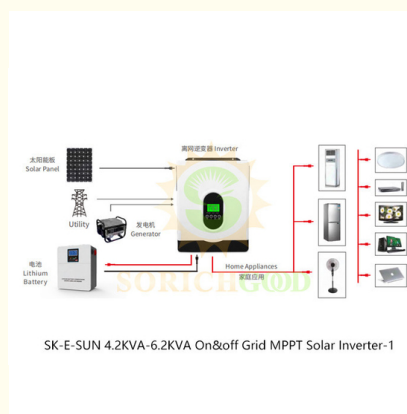
- Place of Origin: China
- Brand Name: TP
- Certification: CE
- Model Number: ESUN4t6
- Minimum Order Quantity: 10 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



SK-E-SUN 4.2KVA-6.2KVA On&off Grid MPPT Solar Inverter

### Product Specification

- Rated Output Power: 7000VA For The E-SUN 4.2KVA And 11000VA For The E-SUN 6.2KVA
- PV Input Voltage Range: 40V To 450VDC (supports High Voltage Solar Arrays)
- Battery Voltage: 24VDC For E-SUN 4.2KVA, 48VDC For E-SUN 6.2KVA
- MPPT Solar Charging Current: MPPT 100A For Optimal Solar Energy Conversion
- Surge Power: 7000VA (E-SUN 4.2KVA), 11000VA (E-SUN 6.2KVA)
- Efficiency (Peak): 93.5% (E-SUN 4.2KVA) And 94% (E-SUN 6.2KVA)
- Highlight: 40V Hybrid Inverters, E-SUN Hybrid Inverters, 24V inverter off grid hybrid



SK-E-SUN 4.2KVA-6.2KVA On&off Grid MPPT Solar Inverter-1

## Product Description

### Remote Monitoring and Control E-SUN Hybrid Inverters with Wi-Fi and GPRS

#### MAIN FEATURES

-  Pure sine wave solar inverter(on/off Grid)
-  WiFi&GPRS available for IOS and Andriod
-  Inverter can run without battery
-  High PV input voltage range(40-500VDC)
-  Dual communication ports for battery and WiFi(option)
-  Built-in anti-dust kit for harsh enviroment
-  Smart battery charge design to optimize battery life
-  Hybrid function
-  Dual AC output

#### Product Description

The E-SUN Hybrid Solar Inverter is a reliable power management solution that efficiently integrates solar energy with traditional grid power. It features pure sine wave output, ensuring stable and clean energy delivery for both on-grid and off-grid applications. With dual AC outputs and support for hybrid operation, it provides flexible energy management to meet diverse energy needs. Built-in MPPT technology maximizes solar energy utilization, while a robust anti-dust kit makes it ideal for harsh environments. Wi-Fi and GPRS compatibility offer remote monitoring and control, adding convenience for users.

BEST SOLAR PANEL CONFIGURATION		
Max generated from solar charger	5000W	6000W
Best Panelconfiguration	540Wp/39V*9pcs (4860Wp) 9S Strings and 1S Parallel	410Wp/39V*14pcs (5740Wp) 7S Strings and 2S Parallel
PHYSICAL		
Product Dimension	L453mm*W312mm*H120mm	
Net Weight	7.0kg	8.2kg
Package Dimension	L550mm*W393mm*H196mm	
Gross Weight	8.5kg	9.7kg
OPERATING ENVIRONMENT		
Humidity	5%to95%Relative Humidity(Non-condensing)	
Operation Temperature	0°C-50°C	

TECHNICAL PARAMETER		
Model	E-SUN 4.2KVA	E-SUN6.2KVA
PF	0.9	0.9
AC INPUT		
Voltage	230VAC	
SelectableVoltageRange	170-280VAC (UPS Mode),90-280VAC(APP Mode)	
Frequenecy Range	50Hz/60Hz(Auto adaptive)	
ACOUTPUT		
AC Voltage Regulation (Batt Model)	230VAC±5%	
Surge Power	7000VA	11000VA
Efficiency(Peak)	93.5%	94%
Transfer Time	Computers(UPS Mode)10ms,Appliance(APP Mode)10ms	
Wave form	Pure sine wave	
BATTERY		
Battery voltage	24.0VDC	48.0VDC
Floating Charge Voltage(Adjustable)	28.0VDC	56.0VDC
Constant Charge Voltage(Adjustable)	28.8VDC	57.6VDC
Overcharge Protection	30.0VDC	60.0VDC
MPPT SOLAR CHARGER&ACCHARGER		
Maximum PVArray Power	5000W	6000W
MPPTRange Operaton Vol	40V-450VDC	120V~450VDC
Maximum PVArray Open Circuit Vol	500VDC	500DC
Standby Power Consumption	33W	67W
Maxmum Solar Charge Current	MPPT 100A	MPPT 100A
Maxmum Trace Efficiency	99.5%	
Maxmum AC Charge Current	100A	100A
Maxmum Charge Current	100A	100A

#### Application

This hybrid inverter is perfect for residential and small commercial solar energy systems that require a stable, reliable power supply. It can be used for homes, small businesses, or backup power solutions. Its capability to run without batteries and flexibility to integrate with the grid make it an ideal choice for areas with intermittent power supply or those looking to reduce electricity costs by utilizing solar power efficiently.

### Shipping Methods

Supports global air and sea shipping.



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