



Pure Sine Wave Output SUNON-ULTRA On Grid Off Grid Hybrid Inverter

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: TP
- Certification: CE
- Model Number: SU4.5T6.5
- Minimum Order Quantity: 50 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



SK-SUNON-ULTRA 4.5-6.5KVA On&off Grid MPPT Solar Inverter IP20

Product Specification

- Rated Power: SUNON-ULTRA 4.5KVA: 4200W SUNON-ULTRA 6.5KVA: 6200W
- Max PV Array Power: SUNON-ULTRA 4.5KVA: 6200W SUNON-ULTRA 6.5KVA: 6500W
- Battery Voltage: SUNON-ULTRA 4.5KVA: 24VDC SUNON-ULTRA 6.5KVA: 48VDC
- Efficiency (AC Mode): Up To 98%
- Surge Power: SUNON-ULTRA 4.5KVA: 9000VA SUNON-ULTRA 6.5KVA: 13000VA
- MPPT Range @ Operating Voltage: 90V - 450VDC
- Highlight: 90V on grid off grid hybrid inverter,
450V on grid off grid hybrid inverter,
4.5KVA on grid off grid hybrid solar inverter



SK-SUNON-ULTRA 4.5-6.5KVA On&off Grid MPPT Solar Inverter IP20-1

Product Description

Pure Sine Wave Output SUNON-ULTRA Hybrid Inverters for On-Grid and Off-Grid Applications

MAIN FEATURES

- Pure sine wave, Hybrid on/off inverter can feed to grid
- Inverter running with or without battery
- Build-in Lithium battery automatic activation
- Build-in 120A/140A MPPT solar charge controller
- High PV input voltage range (90~450VDC)
- Battery independent design
- User-friendly LCD operation
- Enhanced charging power

Product Description:

The SUNON-ULTRA 4.5KVA and SUNON-ULTRA 6.5KVA hybrid solar inverters offer a highly efficient solution for both off-grid and on-grid applications. Equipped with MPPT solar charge controllers and advanced features like automatic lithium battery activation, these inverters support a wide range of PV input voltages (90V-450VDC) and provide enhanced charging power. Both models feature a pure sine wave output and the flexibility to operate with or without a battery, making them ideal for residential and commercial energy storage systems. These inverters also offer grid-feeding capabilities and dual AC outputs, making them perfect for hybrid energy setups. With smart battery charging design, a user-friendly LCD interface, and integrated WiFi & GPRS options, they ensure ease of use and monitoring. The inverters are designed to deliver optimal performance even in harsh environments, thanks to their built-in dust-resistant and robust construction.

DUAL LOADS AC OUTPUT		
Full Load	4200W	6200W
Maximum Main Load	4200W	6200W
Main Load Cut Off Voltage	22VCD	44VCD
Main Load Return Voltage	27VCD	54VCD
SOLAR CHARGER &AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	6200W	6500W
Max.input Current	27A	27A
MPPT Range @Operating Voltage	90~450VDC	90~450VDC
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum Solar Charge Current	140A	120A
MaximumAC Charge Curent	100A	100A
Maximum Charge Curent	140A	120A
PHYSICAL		
Packing Dimension,DXWXH(mm)	543*394*204	543*394*204
Net Weight (kgs)	9.8	10.5
Communication Interface	USB/RS232/WIFVGPRS	
OPERATING ENVIRONMENT		
Humidity	5%to 95%Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	

Application:

Residential solar energy systems
Hybrid energy storage solutions
Commercial solar installations
Backup power systems for off-grid locations
Energy management for critical loads

Shipping Methods

Supports global air and sea shipping.



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