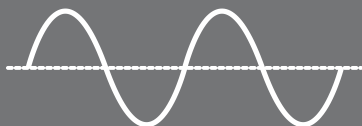


Reliable power supply solution For energy storage and off grid solar system



SPE-S series is inverter combined with solar charge controller and ac charger, it is professional solution for off grid solar system. With the pure sine wave output, no matter coffee machine, microwave, TV, satellite, printer or other equipment, SPE-S series inverter charger gives perfect performance of running loads from household appliances to office devices.

This multi-function inverter, combining functions of inverter, battery charger and auto transfer switch to offer uninterruptible power support with portable size. Its comprehensive LCD display offers user-configurable and easy-accessible button operation such as battery charging current, acceptable input voltage based on different applications.

Product Features

- High power factor up to 1
- Pure sine wave output for sensitive and motor loads
- Built-in 80A MPPT solar charger, MAX. 4000 watt PV input
- Smart LCD setting (Working modes, Charge Current, Charge Voltage, etc.)
- Auto switch between Utility AC and Battery with minimum 10 millisecond as UPS
- Programmable AC Under-Voltage(90~280VAC) shutdown to operate under weak shore power
- Gen starter gives boost signal to start backup generator for emergency
- Optimize battery by equalization function
- Support USB, RS485 monitoring function with specific software

Application



Motorhome



Caravan



Mobile homes



Ambulance



Fire truck



Off grid solar system

Power Range

3000 W
80A

5000 W
80A

COSUPER (SUZHOU) ENERGY TECHNOLOGY CO.,LTD

#18 Building
No.99, Gangtian Road
Suzhou, Jiangsu Province, China
0086 512 68638910 Phone
0086 512 68638916 Fax

www.cosuper.com

Model	SPE-S3000	SPE-S5000
Battery System Voltage	24VDC	48VDC
AC INPUT		
Rated AC Input Voltage	230VAC ± 5%	
Selectable Voltage Range	170~280VAC (For PC and sensitive loads); 90~280VAC (For home appliances)	
Frequency	Auto sense 50 / 60Hz	
INVERTER OUTPUT		
Rated Power	3000VA/3000W	5000VA/5000W
Surge Power	6000VA/6000W	10000VA/10000W
Waveform	Pure sine wave	
AC Voltage Regulation (Batt.Mode)	230VAC ± 5%	
Inverter Efficiency (Peak)	93%	
Transfer Time	10ms (UPS); 20ms (APL)	
BATTERY		
Rated voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
MPPT Ver. CHARGING INFO		
PV Open Voltage	500VDC	500VDC
Nomia PV Input Volt Range	120~450VDC	120~450VDC
(MPPT) Solar Charge Current	80A	80A
(MPPT) Maximum Solar Input	4000W	4000W
Maximum AC Charge Current	60A	60A
(MPPT ver.)Solar Current + AC Current	80A	80A
General parameter		
Operating / Storage Temp	0~55℃ / -15-60℃	
Working Humidity	5% to 95% relative humidity (Non-condensing)	
Cooling	Auto fan cooling	
Dimensions (D×W×H) (mm)	100×300×440	
Net Weight(kg)	9	10