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**SPS3K-9600 3KW 9.6Kwh Completed Multifunctional Solar Power Station:
3000 Watts and 4000 Watts.**



Product:

1. SPS3K-9600 3KW 9.6Kwh Completed Multifunctional Solar Power Station, Solar Energy Storage System for Home, Outdoor (3KW Solar Inverter, Solar Power

1620W, Solar Panel 270Watts*6PCS)
 SPS4K Completed Multifunctional Solar Power Station, Solar Energy Storage System for Home, Outdoor (Solar Inverter 4KW and Solar Power 2400W, With solar panels of 300 Watts*8PCS)

Price of Product 1: **USD: 11500 Each. Buy Now.** You get a complete Solar System 3000 watts or 4000 watts.

sales@usaemergencysolarenergy.com

Specifications:

General Spec	Model No.	SPS3K-9600
	Max. Total loads power	3000W
	Max. daily power usage	9.6Kwh
	Ideally daily usage	5.2Kwh
Solar Panel	Solar power(W)	1620 or 1680W Minimum Load
	Panel model & pieces	270*3*2 or 280W*3*2. Minimum Load.
	Min. solar array area(m ²)	6.52m ²
Controller	Controller type	MPPT
	Controller model	48V/50A
Inverter	Rated output power	3000W. Same as Maximum Load.
	Inverter model	48V/3KVA
	Inverter type	Low frequency
	Output wave	Pure sine wave
	Output voltage	100V/110V/120VAC, 220V/230V/240VAC (optional)
	Output frequency	50Hz/60Hz

	AC charge current	1A-50A (adjustable)
	Typical transfer time	<4ms
Batteries	Operating temperature	-25°C to 50°C
	Battery model & pcs	12V250Ah*4
	Battery bank voltage	48V
	Battery bank capacity	9600Wh

Detailed Specifications of SPS3K-9600:

OFF-GRID SOLAR POWER STATION

SPS2k-5k Series



PRE WIRED SYSTEM

Our mini solar power stations are pre-wired in our factory with full testing done on key components to ensure everything is functional and ready to go. Installation on-site is simple – just connect the battery bank and solar.



PURE SINE WAVE INVERTER

The multi-functional low frequency pure sine wave inverter works like the advantages of stable quality, strong load-carrying ability and long service life. It uses CPU intelligent control, modular design. Conversion efficiency up to 92%.



HIGH EFFICIENCY SOLAR PANELS

Solar panels are standard size with MC4 connectors, very easy to install. Crystalline silicon solar panel with 10 years warranty on workmanship and 25 years service life.



INCREASEABLE CAPACITY

The unit has reserved port for increasing quantity of solar panel and batteries in case you need bigger capacity.



BUILT IN MPPT SOLAR CONTROLLER

All the units come with advanced Maximum Power Point Tracking (MPPT) algorithmic solar charge controller. It will deliver the maximum available power for charging batteries and charge a lower nominal voltage battery from a higher nominal voltage array.



UPS FUNCTION

Transfer time < 4ms
2 OPTIONS OF WORKING MODE:
Battery first, utility standby mode.
Utility first, battery standby mode.



AGM Battery storage

With up to a 12 years designed service life and over 1000 cycles at 80% DOD AGM batteries are the ideal mix of performance and value. Perfect for providing reliable medium-long term power storage.



NO NOISE POLLUTION

No noise if the radiator fan not start up. The noise less than 65db when the radiator fan is working.

Built as a relocatable all-in-one unit,

Our mini solar power stations are self contained in a durable steel cabinet

This complete cabinet solution houses all core components,

With a slimline design ideal for situating against the wall of a garage.

Technical data

General Spec

Model-SPS	SPS2K Series			SPS3K Series			SPS5K Series		
	SPS2K-1800	SPS2K-4000	SPS2K-6000	SPS3K-8000	SPS3K-12000	SPS5K-18000	SPS5K-24000	SPS5K-30000	
Max Total Loads Power	2000W	2900W	3000W	3000W	3000W	6000W	5000W	5000W	
Max Daily Power Usage	3Kwh	4.5Kwh	6Kwh	9.5Kwh	12Kwh	9.5Kwh	12Kwh	24Kwh	
Healthy Daily Usage	1.5Kwh	2.2Kwh	3.9Kwh	5.2Kwh	7.8Kwh	5.2Kwh	7.8Kwh	15.6Kwh	
Boxed System Dimension(mm)	760*810*1480(mm)						1200*810*1480(mm)		
Operating Temperature	-25°C to 50°C								

Solar

Solar Power(watts)	270W	520W	810W	1620W	1620W	1620W	1620W	2950W
Panel Model& pcs	270W*1	260W*2	270W*3	270W*6	270W*6	270W*6	270W*6	320W*9
Min.Solar Array Area(m ²)	1.65m ²	3.26m ²	4.89m ²	9.78m ²	9.78m ²	9.78m ²	9.78m ²	17.56m ²
Anti-reverse current Diodes	-	-	-	1	1	1	1	3

Controller

Controller Type	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT
Controller Model	24V/16A	24V/20A	48V/50A	48V/50A	48V/50A	48V/50A	48V/50A	48V/60A
Max. Solar Voc.	150V@ Min operating environment temp. 100V@25°C Environment temp.							

Inverter

Rated Output Power	2000W	2900W	3000W	3000W	3000W	6000W	5000W	5000W
Inverter Type	Low Frequency							
Output Wave	Pure sine wave							
Output Voltage	100V/110V/120VAC, 220V/230V/240VAC(Optional)							
Output Frequency	50Hz/60Hz +/-0.3Hz (optional)							
AC Input Voltage	220V/+35% or 110V/+35%(Optional)							
AC Input Frequency	50Hz/60Hz +/-0.3Hz(Optional)							
AC Charge Current	1A-50A(Adjustable)							
Typical Transfer Time	<4ms							

Batteries

Battery Type	Maintenance-Free Rechargeable Sealed Lead-acid Battery							
Operating Temperature	-25°C to 50°C							
Battery Model& pcs	12V/25Ah*2	12V/20Ah*2	12V/20Ah*2	12V/20Ah*4	12V/25Ah*4	12V/25Ah*4	12V/25Ah*4	12V/25Ah*9
Battery Bank Voltage	24V				48V			
Battery Bank Capacity	3000Wh	4800Wh	6000Wh	9600Wh	12000Wh	9600Wh	12000Wh	24000Wh

Package

Gross Weight(Kg)	380kg	370kg	440kg	540kg	630kg	500kg	550kg	1160kg
Package Volume(m ³)	0.8m ³	1m ³	1.1m ³	1.2m ³	1.4m ³	1.2m ³	1.4m ³	2.2m ³