

# SHENZHEN KINGSAKO ELECTRONICS CO., LTD

Add.: 5-6F, C Building, He-Xi, Huanggangling Industrial, Xixiang, Baoan, Shenzhen, CHINA  
 Tel: 0086-755-61153288 Email:szsales3@sako.com.cn Skype:liaowangsun Web: www.sakopower.com

## SMP SERIES PORTABLE SOLAR KITS

### Main Features

- Built inside with inverter,solar charger and batteries, all in one system, easy to carry and install
- Modified sine wave, high frequency design, portable design, cost effective
- LED display plus buzzer alarms design
- AC charge is optional with extra charge.
- Auto charge and switch, unattended operation
- High Efficient DC-To-AC Conversion.Minimizing Energy Loss and self power consumption
- 3 types of output: 220VAC socket + 12Vdc port + 5Vdc USB.
- All around protection functions: Overload/short circuit protection/high voltage/low battery voltage/high temerature,etc.

Specification	Model No.	SMP-300-50W	SMP-300-80W	SMP-500-100W
<b>Poly Solar Panels</b>				
The Maximum Power Of Solar Panels (W)		50W*1pc	80W*1pc	100W*1pc
The Maximum Power Current Of Solar Panels (A)		2.09A	4.57A	5.71A
The Open Circuit voltage of Solar Panels (V)		21V	21V	21V
The Maxium Power Voltage Of Solar Panels (V)		18V	18V	18V
<b>Battery</b>				
Maintenance Free Lead-Acid Battery		12V/24AH*1PC	12V/33AH*1PC	12V/38AH*1PC
Rated Voltage		12V		
<b>Solar Charge Controller</b>				
Discharge Current		10A		
Charge And Recover Voltage		13.8V/Lead-Acid		
The Battery'sOvervoltage Protection And Recover		14.4V/13.6V		
The Set Range Of Voltage When low voltage Off		10.8V-11.6V		
The Set Range Of Voltage When low voltage On		12.2V-13.2V		
<b>Inverter</b>				
rated output power		300W	300W	500W
rated output voltage		220V±10%, 50±2Hz		
Output waveform		Pure Sine Wave		
Rated Input Voltage		12V		
Undervoltage alarm		10.5±0.5V		
Low Voltage Off		≤10.0V		
Overvoltage Off		≥14.2V		
Efficiency		≥90%		
<b>Output</b>				
AC220V Socket		220V/1A*2PCS		
DC12V		12V/5A* 8PCS		
USB		5.5V/8.4V*2PCS		
<b>Accessories(optional)</b>				
Solar panel wire		10M*1PC		
LED Illuminating Lamp		1.5W*2PCS		
USB Charger		1PC		
Lamp Wire		5M*2PCS		
Utility Power Charge wire		Optiona		
<b>Dimension and Weight</b>				
Dimension		Portable box: L410*W310*H398		
Weight		20KGS	25.5KGS	27.5KGS

### Product Photos

