

DC & AC Solar Power System



Portable Solar System

Introduction:

This system is a portable solar power generating system, can be charged by solar panel or AC. It can supply power for both DC and AC electric application such as electric fan, lighting lamps, television, portable computer.

Features:

- Provide DC and AC outputs
- Built-in solar & grid chargers
- Reliable and maintenance-free.
- Portable, plug and play installation.
- USB port available for mobile devices
- Output Short-circuit protection
- Over Charged protection
- Over Discharged protection
- Over Load protection
- Over-Temperature protection
- PV reverse polarity protection

	Model	AS Mini300	AS Mini600	AS Mini1000
Solar Charging Controller	Operating Voltage	12V	24V	
	Max PV Voltage (Voc)	25V	40V	
	Rated charging Current (PWM)	10A	20A	
	Self-consumption	≤9mA		
DC Output	DC output & Application	USB 5V2A		
	DC output & Application	DC 12V 2A*4	DC 24V 2A*4	
AC Output	Output Wave	sine wave		
	Input Voltage	10.5V~16V		21V~32V
	Output Voltage	220V±5%		
	Output Frequency	60Hz±2Hz/50Hz±2Hz		
	Rated Output Power	300W	600W	1000W
	Maximum VA	600VA	1200VA	2000VA
	Efficiency	>85%		
Battery	Under voltage warning	11V	22V	
	Low Voltage Shut off	10.5V	21V	
	High Voltage Shut off	16V	32V	
System Data	Working temp.	0°C~+45°C		
	Cooling Fan	When inside temperature up to 45, the fan start working.		
Mechanical	Weight	5.5Kg	6.2Kg	
	Standard	CE Certificate		

System configure



System list	Solar panel	Battery	Inverter
lighting 300	1pcs 120W/18.5	12V /100AH	AS Mini 300
lighting 600	1pcs 250W/31.5	24V /100AH	AS Mini 600
lighting 1000	2pcs 250W/31.5*2	24V/200AH	AS Mini 1000