



# Portable Solar Home System

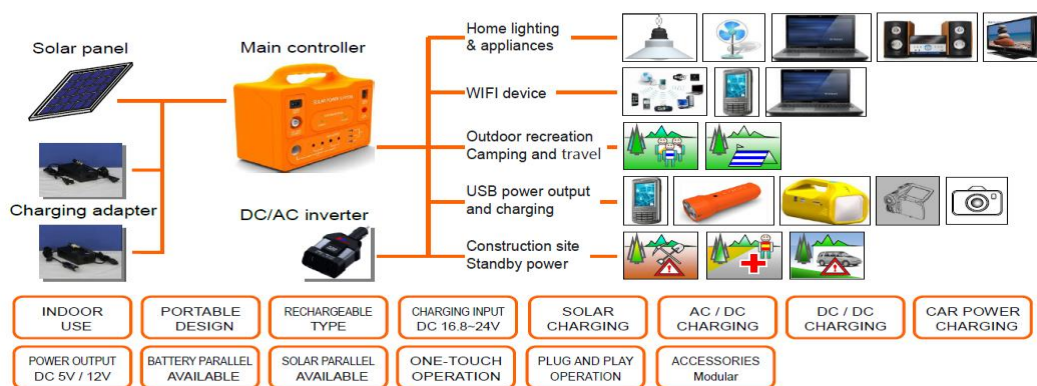


EverExceed is designed to provide reliable lighting and a power charging solution in places where plenty of sunshine but limited access to electricity.

## Features

- Portable design
- One touch operation interface
- Easy to set up and maintenance
- Plug and play operation
- Initiative safety protection circuitry
- Charge status and battery level indicator
- Solar panel / AC to DC adapter / vehicle power multiple charging modes
- Micro computer management, low consumption/high efficiency
- Long stand-by time
- Battery and solar panel can be expansion
- Complete application accessory / can directly use the vehicle power

## Applications





## Technical Data

Model	SHS-107	SHS-2012	SHS-4020
Solar panel	10W	20W	40W
Battery(Built-in)	AGM 7.2Ah/12.0V DC	AGM 12.0Ah/12.0V DC	AGM 20.0Ah/12.0V DC
Battery(External parallel)	AGM 20.0Ah/12.0V DC(MAX)		
Battery recession	<= 3.0%/M		
Standby power consumption	<= 2.0mA/hrs		
Charging input	16.8~24.0V DC/100.0W(MAX)		
System power rated	12.0V DC/13.5A(162.0W)		
System status indicator	Charging status/Battery level		
Output power rated	12.0V DC/10.0A(120.0W)		
Maximum recommended load	60Wh	100Wh	165Wh
USB output	5.0V DC/1.0A(5.0W) *1P, 5.0V DC/1.0A(5.0W) *2P(Parallel)		
DC Jack(5.5*2.1) output	12.0V DC/2.0A(24.0W) *2P( Parallel ), 12.0V DC/2.0A(24.0W) *2P( Parallel)		
Car cigarette lighter output	12.0V DC/6.0A(96.0W) *1P		
System active protection	H / L voltage, overcharge / over discharge, overload / short circuit, low battery warning		
Charge / discharge cycles	500 cycle(AGM batteries)		
Operating ambient temperature	-10 ~ +45°C (14 ~ 113°F)		
System cabinet material	Plastic(ABS or PC)		
System cabinet color	Yellow (accept customer specified)		
System cabinet dimensions	280.0W * 132.0T * 235.0H mm(11.03W * 5.20T * 9.26H inch)		
Weight	3.80 kg	4.80 kg	5.80 kg

## Specification

Model		SHS-107	SHS-2012	SHS-4020
standard configuration	Solar panel	10W 1pcs	20W 1pcs	20W 2pcs
	Power box	1 pcs	1 pcs	1 pcs
	12V/3W LED lamp	2 pcs	2 pcs	2 pcs
	LED lamp E27 holder and 5M cables	2 pcs	2 pcs	2 pcs
	3 in 1 USB cable 0.3m	1 pcs	1 pcs	1 pcs
	Fuse	2 pcs	2 pcs	2 pcs
	Optional Configuration	AC to DC adapter	18.6V/3.78A , wire length: 0.8m/1.2m Remark: adapter one side plug can be different with different country standards	
DC to AC inverter		150W, wire length:0.4m Remark: one side plug can be different with different country standards		
3W LED lamp		3W,12V,with E27 holder and 5m long cables		