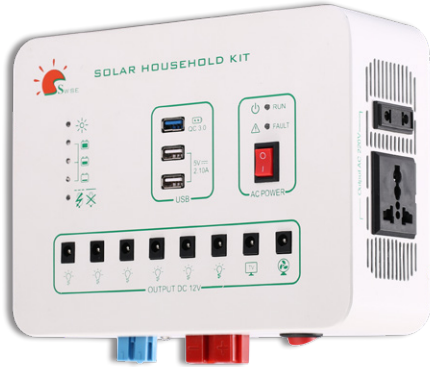


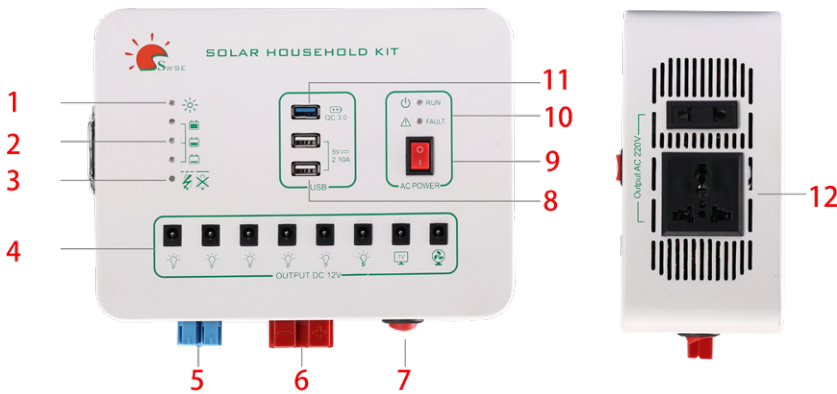
# Solar Control Cube

## DC&AC Series



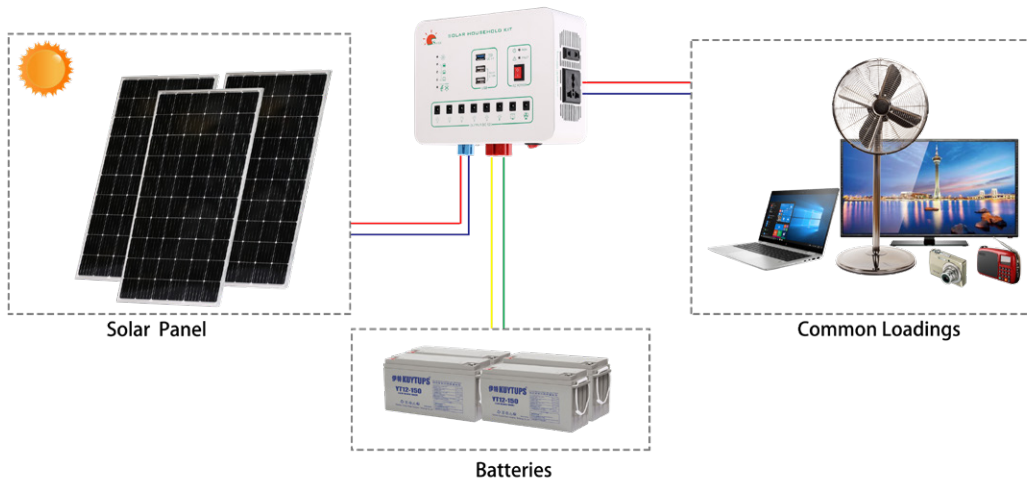
## Features

- Contains a controller inside, connecting solar panels and batteries, to build a complete solar system.
- There are different connectors on the cube, which users can connect to their loadings directly.
- There are inbuilt protection functions.
- Largely simplify a solar system, both installation and usage..



1. Solar Charging Status
2. Battery Status
3. Load Status
4. 12V Output Sockets
5. Solar Panel Connector
6. Battery Connector
7. Main Switch
8. 5V/2.1A USB
9. AC Switch
10. AC Status Indicator
11. 18W Fast Charge USB
12. AC Output Socket

## Application



## ■ Specification

Model No.	SW-SHK1030	SW-SHK1050	SW-SHK2030	SW-SHK2050
Controller	12V/10A, PWM, LED indicator		12V/20A, PWM, LED indicator	
Inverter	300W	500W	300W	500W
Output Voltage	DC12, DC5V, AC220V			
Outlet Socket	DC12V Socket*8, 18W Quick Charge USB*1, 5V/2.1A USB*1 2-hole AC socket*1, Universal three-hole socket*1			
Equipped Accessories	5W LED bulb with 5m cable with switch, 6 sets 3 in 1 USB cable, 1pc			
Protections	Surge, Reverse polarity, Overload, Short circuit ,etc.			
Operating Temperature	Discharge: -20°C ~50°C, Charge: 0°C~50°C			
IP Rating	IP22			
Power Box Size (L*W*H)	220*165*80mm			
Allowed Solar Panel	Max 160W/18V		Max 320W/18V	
Allowed Battery	Min. 33AH/12V		Min. 33AH/12V	
Suitable Battery Cable	10mm <sup>2</sup> /1.5m	16mm <sup>2</sup> /1.5m	10mm <sup>2</sup> /1.5m	16mm <sup>2</sup> /1.5m

## ■ Common Consumption (Ref.)

Individual Load	Power	Qty	Working Hours per day(Ref.)	Power Consumption per day
LED Lamp	5W	1	6	30Wh
TV(19'color)	60W	1	4	240Wh
Computer	60W	1	4	240Wh
Fan	20W	1	6	120Wh
Mobile Phone	2.5W	1	5	12.5Wh
Radio	2.5W	1	4	10Wh
Camera	2.5W	1	1	2.5Wh
DVD	60W	1	2	120Wh

## ■ Certificate & Warranty

ISO19001,ISO14001 certified supplier; 2- year warranty.

