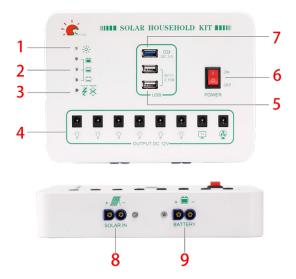


### DC Series

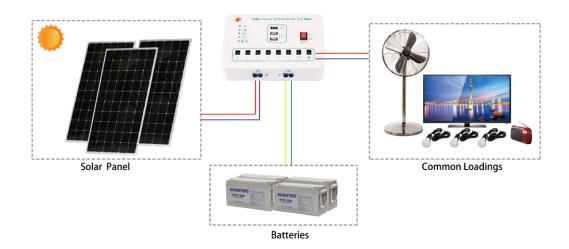
Application





### 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. 5V/2.1A USB
- 6. Main Switch
- 7. 18W Fast Charge USD
- 8. Solar Panel Connector
- 9. Battery Connector







# Specification

Model No.	SW-SHK10	SW-SHK20		
Controller	12V/10A, PWM, LED indicator	12V/20A, PWM,LED indicator		
Output Voltage	DC12, DC5V			
DC Outlet Socket	DC12V Socket*8, 18W Quick Charge USB*1, 5V/2.1A USB*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)	200*145*40mm			
Allowed Solar Panel	Max 160W	Max 320W		
Allowed Battery	Lead-acid or LFP			
Suitable Battery Cable	4mm²/1.5m	6mm²/1.5m		

## 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.