

SOLAR HOME SYSTEM

Lead-acid DC Series



Model No.

- SW-SHS60W
- SW-SHS80W
- SW-SHS100W
- SW-SHS160W



Features

- ✓ Clear working status indication
- ✓ Fast charge USB
- ✓ Easy to carry, easy to install
- ✓ Reliable performance, simple operation
- ✓ Economical and convenient power solution.

1. Fast Charge USB
2. Solar Charging
3. Battery Status
4. Regular Charge USB
5. Load Status
6. 12V Output Socket
7. Battery Fuse
8. Solar Charge Port
9. External Inverter “-“
10. External Inverter “+“
11. Main Switch

Application



Technical Data

Model No.	SW-SHS60W	SW-SHS80W	SW-SHS100W	SW-SHS160W
Solar Panel Power	60Wp	80Wp	100Wp	160Wp
Lead-acid Battery	12V38Ah	12V55Ah	12V65Ah	12V100Ah
Controller	10A	10A	10A	10A
LED Bulb	5W*6 PCS	5W*6 PCS	5W*6 PCS	5W*6 PCS
Max. Charge Current	10A	10A	10A	10A
Inverter (optional)	300W	300W	500W	500W
Output Voltage	DC12, DC5V			
DC Outlet Socket	DC12V Socket *8Pcs, 1x Flash Charge USB ,2x5V USB(2.1A)			
Protection	Surge, Reverse polarity, Overload, Short circuit ,etc.			
Operating Temp	Discharge: -20℃ ~50℃ , Charge: 0℃~50℃			
IP Rating	IP22			
Power Box (L*W*H)	28x21x23 CM	31x21x27 CM	43*21*25 CM	41*22*29 CM
Weight	22Kgs	29Kgs	34Kgs	46Kgs
20GP	1080sets	770 sets	580 sets	450 sets

Common Loadings (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.

