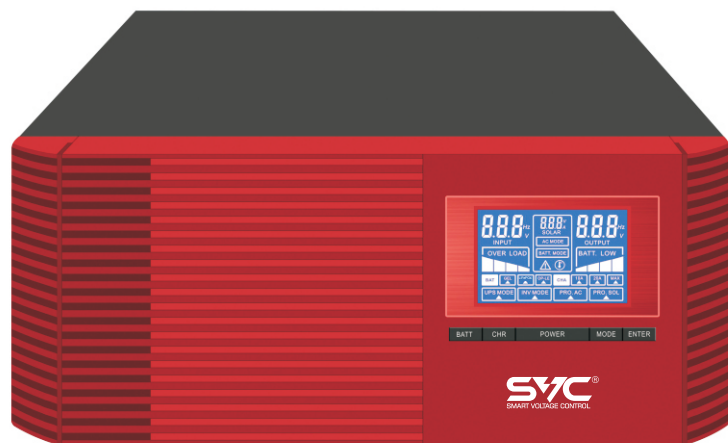
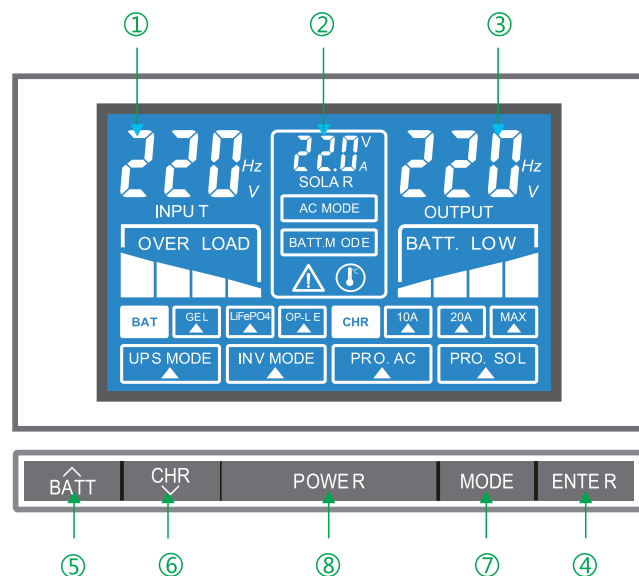


## SINE WAVE SOLAR INVERTER



## PRODUCT INTRODUCTION



- ① Input voltage
- ② Solar information
- ③ Output voltage
- ④ Confirm button
- ⑤ Battery type selection / Up
- ⑥ Charging current selection / Down
- ⑦ Mode selection
- ⑧ ON/OFF switch/PRO selection

Press 'ENTER' about 4 seconds to enter Advanced Menu, it will appear following Settings

- 1.bLs:** Press ^ or v to select the battery shutdown voltage, options of 10.0V,10.5V,10.8V and 11.1V.
- 2.btu:** Press ^ or v to select the battery voltage from solar priority to AC priority, options of 11.4V,11.6V,11.8V and 12.0V.
- 3.scc:** Press ^ or v to select the maximum current of solar charger,options of 10A,20A,30A.
- 4.yes:** Press ^ or v to select setting YES or NO and press ENTER to confirm.

## FEATURE

1

Pure sine wave inverter  
4-step AVR  
Cold start function

2

Selectable INV MODE  
100Vac–290Vac or UPS  
MODE 145–275V for  
home appliances and  
personal computers

3

Selectable high power  
charging current of 10A  
/20A /Max.

4

Selectable battery types  
of gel, LiFePO4 and open  
lead–acid battery

5

Compatible to mains  
voltage or generator  
output

6

Auto restart while AC  
is recovering  
Overload and short  
circuit protections

7

Smart battery charger  
design for optimized  
battery performance

8

Selectable solar charging  
current of 10A→50A

9

Configurable AC /  
Solar input priority  
via LCD setting

10

Setting of battery  
shutdown voltage

11

Setting of battery  
voltage from solar  
priority to AC priority

12

Available for adding  
external LiFePO4 battery  
packs

## SPECIFICATIONS

| Model(Solar)              | XLS–600                              | XLS–800    | XLS–1000    | XLS–1200     |
|---------------------------|--------------------------------------|------------|-------------|--------------|
| Capacity                  | 600VA/500W                           | 800VA/640W | 1000VA/800W | 1200VA/1000W |
| Power factor              | 0.8                                  |            |             |              |
| Input                     |                                      |            |             |              |
| Voltage range (INV. mode) | 100–290VAC ± 5VAC                    |            |             |              |
| Voltage range (UPS mode)  | 145–275VAC ± 5VAC                    |            |             |              |
| Input frequency           | 45–65Hz                              |            |             |              |
| Output                    |                                      |            |             |              |
| Voltage range (INV. mode) | 150–255VAC ± 5VAC                    |            |             |              |
| Voltage range (UPS mode)  | 203–238VAC ± 5VAC                    |            |             |              |
| Frequency                 | 50 ± 0.1Hz (Batt. mode)              |            |             |              |
| Wave form                 | Pure sine wave (Batt. mode)          |            |             |              |
| Transfer time             | <10ms                                |            |             |              |
| Battery                   |                                      |            |             |              |
| Charging current (AC)     | 10A/20/Max.                          |            |             |              |
| Charging current (solar)  | MPPT 30A≤ 60V                        |            |             |              |
| Type of battery           | GEL / LiFePO4 / Open lead acid       |            |             |              |
| Priority mode             |                                      |            |             |              |
| Selectable priority mode  | Solar preferred / AC preferred       |            |             |              |
| Physical                  |                                      |            |             |              |
| Net weight (kg)           | 7.9                                  | 10.1       | 11.1        | 12.5         |
| Unit dimension (mm)       | 310*307*120                          |            |             |              |
| Environment               |                                      |            |             |              |
| Operating environment     | Temperature 0℃~40℃, Humidity 20%~90% |            |             |              |
| Noise level               | ≤40dB(1m)                            |            |             |              |

Product specifications are subject to change without notice.