

Transformer Type Pure Sine Wave Inverter

XLS series



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



Main Features

- 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

Technical Parameter

Model (Solar)	XLS - 600	XLS - 800	XLS - 1000	XLS - 1200	XLS - 1500
Capacity	600VA/500W	800VA/640W	1000VA/800W	1200VA/1000W	1500VA/1200W
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	13.7
Unit dimension (mm)	310*307*120				
Environment					
Operating environment	Temperature 0°C~40°C, Humidity 20%~90%				
Noise level	≤40dB(1m)				