

Solar power integrated AC system

- Wide Input solar voltage Range
- compact design ,with solar controller、battery、and inverter built inside, save more power and space ,high efficiency
- short circuit protection
- Over voltage, Low voltage, over discharge, over load protection
- display meter and LED show all the conditions
- only solar panel and load connection outside, more conveniently
- easy to move anywhere
- With DC 12v/24v and AC 220 double output voltage together



MODEL SPECIFICATION	solar -SL300W	Solar -SL600W
Solar panel INPUT parameter		
rated input panel (WATT)	100W	200W
peak Input Voltage Vmp(V)	17.5vdc	35vdc
Peak Input Current Imp(A)	5.71A	5.71A
open -voltage Voc(v)	21.5V	43V
material	polycrystal /single crystal	
shortage current Isc(A)	6.46A	6.46A
Battery		
Battery built inside(VA)	12V/100AH	12V/100AH*2
over charge protected voltage(v)	14.5V±0.2V	29V±0.2V
over charge back voltage	13.2V	26.4V±0.2V
over discharge protected voltage	10.5V±0.4V	21V±0.2V
OUTPUT		
Output Power(W)	300	600
Output Voltage	12VDC 3A & AC 220V±10%	24VDC 3A & AC 220V±10%
Output frequency	50HZ±5%	50HZ±5%
output waveform	step wave	step wave
back up time(full load)	>10hour(36W AC lamp or 50w ACFAN)	>10 hours(one PC)
overload & shortage protection	yes	
Output overload capacity	120%	
PROTECTION		
Protection	over load/ over voltage/ low battery/ low voltage/ Input low/ hight voltage/ short current protection	
AMBIENT		
Noise(dB)	< 5 (1 mter)	
working Temperature	0~40 degree(storage -40℃~50℃)	
Humidity	0~95% (no condensation)	
Sea Level(m)	<=1500	
DIMENSION		
L×W×H MM	500*220*338.5MM	510*372.5*360.5MM
L×W×H MM package	597*310*479MM	587*470*502MM
Weight(Kg) NW.	41.5	79.6
Weight(Kg) GW.	43	98

