

SOLAR INVERTER

INVERTER	LS-300	LS-400	LS-600	LS-1000	LS-1500
OUTPUT POWER	300W	400W	600W	1000W	1500W
STANDBY CURRENT	12V< 0.5A/24V< 0.4A	12V< 0.6A/24V< 0.5A		12V< 0.7A/24V< 0.6A	
INPUT VOLTAGE	DC12V : 10V~15V DC24V : 20V~30V				
OUTPUT VOLTAGE	AC 100V, 110V, 120V, 220V, 230V, 240V				
OUTPUT WAVEFORM	Modified Sine Wave				
OUTPUT FREQUENCY	50Hz , 55Hz , 60Hz CRYSTAL CONTROLLED.				
EFFICIENCY	> 85%				
COOLING	AUTO-OPERATION FAN				
OUTPUT SHORT	OUTPUT SHORT CIRCUIT PROTECTION				
LOW BATTERY	< 10.5V or 21.5V ± 0.5V PRE-ALARM		< 9.5V or 20V ± 0.5V SHUT DOWN & ALARM		
OVER HEATING	> 60℃ PRE-ALARM		> 65℃ SHUT DOWN & ALARM		
OVER LOAD	> 100% PRE-ALARM		> 110% SHUT DOWN & ALARM		
BATTERY POLARITY REVERSE	BY FUSE				
SOLAR CONTROLLER					
Standby current(A)	< 30 mA				
Output current(A)	20A				
Max Solar Array Voc (volt)	50V				
Max Solar Array Current(A)	20A				
Charge stage	PWM → Float				
Max Load Current(A)	20A				
Dip Switch Setting For Battery Type	NI-CAD		GLE/AGM	FLOODED	SEALED/WET
Low Volt Protection	10 ± 0.5V		20 ± 1V		
Low Volt Reset	12.5 ± 0.5V		25 ±1V		
Over Load Protection	Yes (120% of rated current)				
Efficiency	> 90%				
Dimension	200*173*65mm	200*173*65mm	280*173*65mm	360*195*80mm	420*195*80mm
Net Weight	1.6kg	1.6kg	2.8kg	3.8kg	4.5kg

