

AL Solar Power System

(AL-S600, AL-S1200, AL-S2200, AL-S3500, AL-S5000)

MAIN FEATURES

- Overcharge protection and overdischarge protection for a longer battery life
- LCD and LEDs for visualization of operation status of the equipment
- Solar array and battery common-anode system input;



Product Specifications

Model:AL	AL-S600	AL-S1200	AL-S2200	AL-S3500	AL-S5000	
Inverter	Battery Voltage	12.8V	25.6V			
	In-built Battery Specification	50AH/12.8V	50AH/25.6V	100AH/25.6V	75AH/51.2V	100AH/51.2V
	Rated Power	600W	1200W	2200W	3500W	5000W
	Output Voltage	110/220VAC				
	Output Frequency	50/60Hz				
	Output Waveform	Pure Sine Wave				
	Input Voltage Range	72-138/145-275VAC		85-138/170-275VAC		
MPPT Charge	Input Frequency	45-65Hz				
	Maximum Photovoltaic Voltage	≤100V	≤100V		≤150V	
	PV Input Range Voltage	18-100V	35-100V		60-150V	
	Rated Charge Current	MPPT 30A				60A(MAX.)
	Maximum Power	420Wp	840Wp	1600Wp		3000Wp
DC Output	Voltage Of Floating Charge	14.2V	28.4V	56.8V		
	MPPT Efficiency	≥97%				≥99%
	Voltage Of High-voltage Protection	16V	32V	64V		
	Voltage Of High Voltage Recovery	14.5V	29V	58V		
	Voltage Of Low Voltage Recovery	13V	26V	52V		
Other	Voltage Of Low Voltage Protection	11.2V	22.4V	44.8V		
	5VDC USB Output Port	2 Units/MAX 2A				
	12VDC Output Port	2DC Ports/MAX 2A				
Other	Heat Dissipation/Cooling	Temperature Control By Intelligent Exhaust Fan				
	Ambient Temperature For Operation	-20-+50°C				
	Ambient Temperature For Storage	-25 -+55°C				
	Operation/Storage Conditions	0-90% (no condensation)				
	External Dimensions: DxWxH (mm)	460*182*397	485*202*406	540*229*464	577*350*644	627*405*664
Packing Dimensions: DxWxH (mm)	527*267*470	552*277*477	570*310*535	665*450*825	715*505*845	