

Model: AL	1KW/12V	1KW/24V	1.5KW/24V	2KW/24V	2KW/24V
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### Inverter

Battery voltage	12V	24V			
In-built battery specification	100AH/12V	100AH/12V*2			200AH/12V*2
Rated power	1000W	1000W	1500W	2000W	2000W
Output voltage	220VAC				
Output frequency	50/60Hz				
Output waveform	Pure Sine Wave				

### Charge by a mains supply

Rated voltage	220VAC ---* (* means an optional function)				
Charge current	10A(MAX)	10A(MAX)		30A(MAX)	

### Solar input

Maximum photovoltaic voltage(VDC)	≤25V	≤150V			
Charge voltage(VDC)	10-25V	35V-150V			
Rated charge current(A)	30A	MPPT 30A			MPPT 60A
Maximum power(Wp)	360Wp	800Wp			1600Wp
Voltage of overcharge protection(VDC)	14.2V	28.4V			
Voltage of overcharge recovery(VDC)	14.0V	28.0V			
Voltage of floating charge(VDC)	13.7V	27.4V			

### DC output

Voltage of high-voltage protection(VDC)	16V	32V			
Voltage of high voltage recovery(VDC)	15.2V	30.4V			
Voltage of low voltage recovery(VDC)	12.6V	25.2V			
Voltage of low voltage protection(VDC)	11V	22V			
5VDC USB output port	2 units /MAX 2A				
12VDC output port	2 DC ports(MAX 2A))				
Starting temperature of the exhaust fan	> 45°C				
Ambient temperature for operation	0-40°C				
Ambient temperature for storage	-25 - +55°C				
Operation/storage conditions	0-90% (no condensation)				
External dimensions: DxWxH (mm)	423 x 260 x 453	380 x 380 x 520			555 x 515 x 540
Packing dimension: DxWxH (mm)	520 x 370 x 520	510 x 510 x 640			640 x 600 x 695