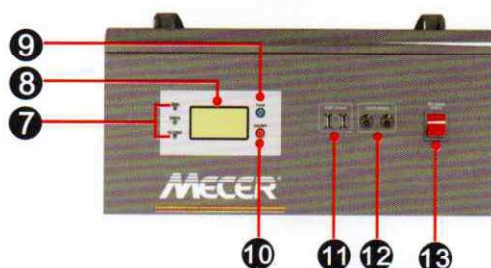


## TECHNICAL INDEXES

Model: AL	1KW/12V	2KW/24V
<b>Inverter</b>		
Battery voltage	12V	24V
In-built battery specification	100AH/12V	100AH/12V*2
Rated power	1000W	2000W
Output voltage	220VAC	
Output frequency	50/60Hz	
Output waveform	Pure Sine Wave	
Input voltage range	145-275VAC	
Input frequency	45-65Hz	
<b>Solar input</b>		
Maximum photovoltaic voltage(VDC)	≤25V	≤100V
Charge voltage(VDC)	10-25V	35V-100V
Rated charge current(A)	MPPT 30A	MPPT 30A
Maximum power(Wp)	360Wp	800Wp
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
<b>DC output</b>		
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	-20 - +50°C	
Ambient temperature for storage	-25 - +55°C	
Operation/storage conditions	0-90% (no condensation)	
External dimensions: DxWxH (mm)	419 x 275 x 495	435 x 395 x 561
Packing dimension: DxWxH (mm)	510 x 350 x 510	535 x 485 x 600



## Product Information

- |                      |                      |
|----------------------|----------------------|
| 1. AC Output         | 8. LCD Display       |
| 2. AC Input          | 9. Function Buttons  |
| 3. Smart Cooling Fan | 10. ON/OFF Buttons   |
| 4. Solar PV Input    | 11. 5VDC Output      |
| 5. Battery Extension | 12. 12VDC Output     |
| 6. Battery Switch    | 13. DC Output Switch |
| 7. LED Indicator     |                      |