

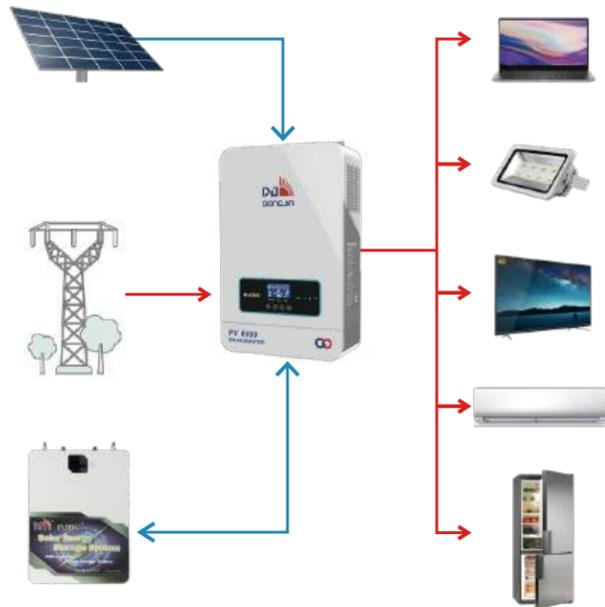


## N12 SERIES

Hybrid solar Inverter

### »»» Features

- Pure sine wave AC output
- Output power factor 1.0
- Programmable supply priority for PV, battery or grid
- Wide PV input voltage range(120-500Vdc)
- Built-in 110A MPPT solar charger
- Working with battery&without battery
- User-adjustable charge current and voltage
- Anti-dusk kit for harsh environment
- WiFi monitoring function(optional)
- RS485 communication for BMS



### » Product Data Sheet

MODEL	N12-PV6000
Rated Power	5500VA/5500W
<b>INPUT</b>	
Voltage	230VAC
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)
Frequency Range	50Hz/60Hz (Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt.Mode)t	230VAC±5%
Surge power	11000VA
Efficiency(Peak) PV to INV	97%
Efficiency(Peak) BAT to INV	94%
Transfer Time	10ms (for personal computers) 20ms (for home appliances)
Wave form	Pure Sine Wave
<b>BATTERY &amp; AC CHARGER</b>	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
Overcharge Protection	61VDC
Maximum charge current	80A
<b>SOLAR CHARGER</b>	
MAX.PV Array Power	6000W
MPPT Range@ Operating Voltage	120-500VDC
Maximum PV Array Open Circuit Voltage	500VDC
Maximum PV Input Current	20A
Maximum Charging Current	110A
Maximum Efficiency	98%
<b>PHYSICAL</b>	
Dimension.D*W*H(mm)	472*296*128
Net Weight (kgs)	10.1kg
Communication Interface	RS485/RS232(Standard) WIFI(Optional)
<b>OPERATING ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C to 55°C
Storage Temperature	-15°C to 60°C

### CONTACT US

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