



# panda

## 3000VA-3000W



### Features

- Pure sine wave solar inverter
- Output power factor 1
- High PV input voltage range
- Battery independent design
- Built-in 80A and 100A MPPT solar charger for 1.2K/2.5K/3K Premium and 3K respectively

**4 YEARS WARRANTY** 1 Year Parts  
3 Years Services

- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dust kit for harsh environment (only for 3K/5K models)



Anti Dust filters



10-20 MS  
Transfer time

# Specification:

<b>MODEL</b>	<b>Panda 3000-24</b>
<b>RATED POWER</b>	3000VA/3000W
<b>INPUT</b>	
Voltage	
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Surge Power	6000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	32 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum PV Array Power	3200W
MPPT Range @ Operating Voltage	60-400 VDC
Maximum Solar Charge Current	80A
Maximum AC Charge Current	80A
Maximum Charge Current	80A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	100 x 288 x 390
Net Weight (kgs)	8.0
Communication Interface	RS232
<b>ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C



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info@longlife.pk