



3000W-3200PV
Pure sine wave solar inverter

panda
SERIES

4 YEARS WARRANTY 1 Year Parts
3 Years Services

► Features

- Pure sine wave solar inverter
- Output power factor 1
- High PV input voltage range
- Battery independent design
- Built-in 80A MPPT solar charger
- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dust kit for harsh environment



Anti Dust
filters



10-20
MS
Transfer
time

Make Your **Life** Easier

Specification:

MODEL	Panda 3000-24
RATED POWER	3000VA/3000W
INPUT	
Voltage	
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
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
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	32 VDC
SOLAR CHARGER & AC CHARGER	
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
PHYSICAL	
Dimension, D x W x H (mm)	100 x 288 x 390
Net Weight (kgs)	8.0
Communication Interface	RS232
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C