


Omega P 5K-24	Main Features
	<ul style="list-style-type: none"> • Pure sine wave solar inverter. • Selectable high power charging current. • Wide DC input range. • Selectable input voltage range for home appliances and personal computers. • Configurable AC/Solar input priority via LCD setting. • Compatible to mains voltage or generator power. • Auto restart while AC is recovering. • Overload and short circuit protection. • Smart battery charger design for optimized battery performance. • Cold start function. • Parallel operation up to 6 units.

MODEL	Omega P 5K-24
Rated Power	5000 VA / 4000 W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170 - 280 VAC (For Personal Computers); 90 - 280 VAC (For Home Appliances)
Frequency Range	50 / 60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC \pm 5%
Surge Power	10000 VA
Efficiency (Peak)	90%
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
Parallel Units	6
Waveform	Pure sine wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	Default 24 VDC; Maximum 30 VDC
Overcharge Protection	32 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	PWM
Maximum PV Array Open Circuit Voltage	80 VDC
Maximum Solar Charge Current	50 A
Maximum AC Charge Current	60 A
Maximum Charge Current	110 A
PHYSICAL	
Dimension, D x W x H (mm)	180 x 310 x 475
Net Weight (kg)	11.5
Communication Interface	USB and RS232
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C - 50°C
Storage Temperature	-15°C - 60°C

Product specifications are subject to change without further notice.

