


Omega UM 3K-24	Main Features
	<ul style="list-style-type: none"> <li>• Pure sine wave solar inverter.</li> <li>• Output power factor 1.</li> <li>• High PV input voltage range.</li> <li>• Inverter running without battery.</li> <li>• Built-in 40 A MPPT solar charger.</li> <li>• Battery equalization function to optimize battery performance and extend lifecycle.</li> <li>• Built-in anti-dusk kit for harsh environment.</li> </ul>

MODEL	Omega UM 3K-24
Rated Power	3000 VA / 3000 W
<b>INPUT</b>	
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)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230 VAC $\pm$ 5%
Surge Power	6000 VA
Efficiency (Peak)	90 - 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	33 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	102 VDC
Maximum PV Array Power	1000 W
MPPT Range @ Operating Voltage	30 ~ 80 VDC
Maximum Solar Charge Current	40 A
Maximum AC Charge Current	25 A
Maximum Charge Current	60 A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	100 x 285 x 334
Net Weight (kg)	6.5
Communication Interface	USB / 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

Product specifications are subject to change without further notice.

