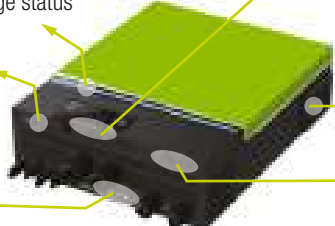


Omega PRO 3.6K-24	Main Features	
	<ul style="list-style-type: none"> • Customizable status LED bar with RGB lights. • Built-in wifi for mobile monitoring (Android/iOS Apps are available). • Supports USB On-the-Go function. • Reserved communication port for BMS (RS485, CAN-BUS or RS232). • Replaceable fan design for ease of maintenance. • Battery independent design. • Configurable AC/PV output usage timer and prioritization. • Selectable high power charging current. • Selectable input voltage range for home appliances and personal computers. • Compatible to Utility Mains or generator input. • Built-in anti-dust kit. • Optional DC output for DC fan, LED bulb, router and so on. 	
		



RGB light:
Different color to present output source from PV, Grid or battery and battery charge/discharge status

Communication for Remote panel

Parallel connectors:
Maximum 6 units in parallel

Diverse communications:
USB On-the-Go function, Dry contact and BMS communication

Anti-dust filter:
Increase product reliability in harsh environment

DC output connectors:
Connect to DC fan, LED bulb or router



MODEL	Omega PRO 3.6K-24
Rated Power	3600 VA / 3600 W
Parallel Capability	No
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	7500 VA
Efficiency (Peak)	90 % ~ 93%
Transfer Time	15 ms (For Personal Computers); 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	< 45 W
DC Voltage (Optional)	12 VDC \pm 5%, 100 W
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	4000 W
MPPT Range @ Operating Voltage	120 ~ 450 VDC
Maximum Solar Charge Current	80 A
Maximum AC Charge Current	80 A
Maximum Charge Current	80 A
PHYSICAL	
Dimensions, D x W x H (mm)	147.4 x 432.5 x 553.6
Net Weight (kg)	14.1
Communication Interface	USB / RS232 / RS485 / WiFi / Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
STANDARD	
Compliance Safety	CE

Product specifications are subject to change without further notice.

