



## Technical Specifications

Model	UA40	UA60	UA80	UA100	UA120	UA150	UA200
Capacity(VA/Watts)	400 / 240	600 / 360	800 / 480	1000 / 600	1200 / 720	1500 / 900	2000 / 1200
<b>INPUT</b>							
Nominal Input Voltage	110/120 Vac or 220/230/240 Vac						
Operating Voltage Range	81~145 Vac/162~290 Vac						
Operating Frequency Range	50/60 Hz (1±10%)						
<b>OUTPUT</b>							
Output Voltage range (Batt. Mode)	Simulated Sinewave at nominal voltage ±10%						
Frequency Range (Batt. Mode)	50 Hz or 60 Hz ± 1 Hz						
Transfer Time	Typical 2-6 ms, 10ms max.						
<b>BATTERY</b>							
Battery Type & Number	12 V / 4.5 Ah x 1	12 V / 7Ah x 1	12 V / 9 Ah x 1	12 V / 7 Ah x 2	12 V / 7 Ah x 2	12 V / 9 Ah x 2	12 V / 9 Ah x 2
Typical Recharge time	6-8 hours ( To 90% capacity)						
<b>PROTECTION</b>							
Full Protection	Overload and overcharge protection						
<b>INDICATORS</b>							
LED ( LED version )	AC Mode, Battery Mode, Load Level, Battery Level						
LCD ( LCD version )	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, Battery Low						
<b>ALARM</b>							
Battery Mode	Sounding every 10 seconds						
Battery Low	Sounding every second						
Overload	Sounding every 0.5 second						
Battery Replacement Alarm	Sounding every 2 seconds						
Fault	Continuously sounding						
<b>MANAGEMENT</b>							
USB & RS-232 port (Optional)	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC						
<b>ENVIRONMENT</b>							
Operating Temperature	0~40°C						
Humidity Range	0~95 % (Non-condensing)						
Noise Level	<40dB (1 meter from surface)						
<b>PHYSICAL</b>							
Dimension, WxDxH (mm)	101×298×142			149.3×338×162		158×380×198	
Net Weight (kg)	3.55	4.25	4.9	7.8	8	11.1	11.5
<b>STANDARDS</b>							
Safety	IEC/EN62040-1;IEC/EN60950-1						
EMC	IEC/EN62040-2;IEC61000-4-2;IEC61000-4-3;IEC61000-4-4;IEC61000-4-5;IEC61000-4-6;IEC61000-4-8						

Specifications are subject to change without prior notice.

## Features

- AVR boost and buck
- Cold start function
- Smart RS-232/USB interface for power management
- Built-in self-diagnostic function
- Modem/LAN internet protection
- Generator compatible(Optional)
- LCD or LED panel for option
- Fast charging capacity
- Auto charging at off mode
- Auto restart while AC is recovering



Two kinds of color LCD display

LED display

1. AC input
2. Output socket
3. USB & RJ11 communication
4. USB & RS232 communication
5. RJ45



Rear Panel



Optional socket

### CONTACT

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### HEADQUARTERS

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### FACTORIES ADDRESS

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