



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



Optional socket



Rear Panel

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
INPUT							
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%)						
OUTPUT							
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.						
BATTERY							
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)						
PROTECTION							
Full Protection	Overload and overcharge protection						
INDICATORS							
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						
ALARM							
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						
MANAGEMENT							
USB & RS-232 port (Optional)	Supports Windows* 2000/2003/XP/Vista/2008, Windows* 7, Linux, Unix, and MAC						
ENVIRONMENT							
Operating Temperature	0~40°C						
Humidity Range	0~95 % (Non-condensing)						
Noise Level	<40dB (1 meter from surface)						
PHYSICAL							
Dimension, W × D × H (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
STANDARDS							
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.



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Optional socket



Rear Panel

Technical Specifications

Model	UA240	UA300
Capacity(VA/Watts)	2400 / 1440	3000 / 1800
INPUT		
Nominal Input Voltage	220/230/240 Vac	
Operating Voltage Range	162~290 Vac	
Operating Frequency Range	50/60 Hz (1 ± 10%)	
OUTPUT		
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.	
BATTERY		
Battery Type & Number	12 V / 7 Ah x 4	12 V / 9 Ah x 4
Typical Recharge Time	6~8 hours (To 90% capacity)	
PROTECTION		
Full Protection	Overload and overcharge protection	
INDICATORS		
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, Battery Low	
ALARM		
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	
MANAGEMENT		
USB & RS-232 Port(Optional)	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC	
ENVIRONMENT		
Operating Temperature	0~40°C	
Humidity Range	0~95% (Non-condensing)	
Noise Level	<40dB (1 meter from surface)	
PHYSICAL		
Dimension, W × D × H (mm)	144 × 432.5 × 207	
Net Weight (kg)	20	23
STANDARDS		
Safety	IEC/EN62040-1;IEC/EN60950-1	
EMC	IEC/EN62040-2;IEC61000-4-2;IEC61000-4-3;IEC61000-4-5;IEC61000-4-6;IEC61000-4-8	

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