

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage
- Converter mode available
- ECO mode for energy saving
- Adjustable battery numbers
- Generator compatible
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status



UPS ONLINE ULT 1000-2000-3000V

MODEL	ULT-1000V	ULT-2000V	ULT-3000V	
PHASE	Single phase with ground			
CAPACITY	1000 VA / 900 W	2000 VA / 1800 W	3000 VA / 2700 W	
INPUT				
Nominal Voltage	110/115/120/127VAC or 200/208/220/230/240VAC			
Voltage Range	60-145 VAC or 120-300 VAC (Based on load at 50%) 90-145 VAC or 180-280 VAC (Based on load at 100%)			
Frequency Range	40Hz ~ 70 Hz			
Power Factor	≥ 0.99 @ Nominal Voltage (100% load)			
OUTPUT				
Output Voltage	110/115/120/127VAC or 200/208/220/230/240VAC			
Voltage Regulation	± 1%			
Frequency Range (Synchronized Range)	47~ 53 Hz or 57 ~ 63 Hz			
Frequency Range (Batt. Mode)	50 Hz or 60Hz ± 0.5%			
Current Crest Ratio	3:1			
Harmonic Distortion	≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)			
Transfer Time	AC Mode to Battery Mode	Zero		
	Inverter to Bypass	4 ms (Typical)		
Waveform (Batt. Mode)	Pure Sinewave			
EFFICIENCY				
To AC Mode	88%	89%	90%	
To Battery Mode	83%	85%	88%	
BATTERY				
Standard Model	Battery Type	12 V / 9 AH	12 V / 9 AH	12 V / 9 AH
	Numbers	2	4	6
	Typical Recharge Time	4 hours recover to 90% capacity		
	Charging Current (max.)	1.0 A		
	Charging Voltage	27.4VDC ± 1%	54.7 V _{DC} ±1%	82.1 V _{DC} ±1%
Long-run Model	Battery Type	N/A		
	Numbers			
	Charging Current (max.)			
	Charging Voltage			
INDICATORS				
LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators			
ALARM				
Battery Mode	Sounding every 4 seconds			
Low Battery	Sounding every second			
Overload	Sounding twice every second			
Fault	Continuously sounding			
PHYSICAL				
Standard Model	Dimension, D x W x H (mm)	282 x 145 x 220	397 x 145 x 220	421 x 190 x 318
	Net Weight (kgs)	9,8	17	27,6
Long-run Model	Dimension, D x W x H (mm)	N/A		
	Net Weight (kgs)	N/A		
ENVIRONMENT				
Humidity	20-90 % RH @ 0- 40°C (non-condensing)			
Noise Level	Less than 50dBA @ 1 Meter			
MANAGEMENT				
Smart RS-232/USB	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC			
Optional SNMP	Power management from SNMP manager and web browser			

*1-3KVA: Derate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC
 Product specifications are subject to change without further notice