

ACCESSORY ITEM



ULTIMA W UPS FEATURES

- True double-conversion technology
- Microprocessor control optimizes reliability
- Input power factor correction
- Wide input voltage (110–300VAC)
- Output power factor 0.8 (1KVA ~ 3KVA models)
- Charger capacity expandable up to 6A for long run (L) models
- USB or RS-232 smart port for power management software
- Intelligent communication slot enables remote monitoring
- Comprehensive display allows easy monitoring and access of UPS status
- External PDU / maintenance bypass switch (optional)
- ECO mode for energy saving
- Converter mode available
- Generator compatible

APPLICATIONS

- Server Rooms
- Office Equipment
- Telecom & Networking
- Security System



ULTIMA W ON-LINE UPS SPECIFICATION

MODEL		ULT-W1K(L)	ULT-W2K(L)	ULT-W3K(L)
Capacity		1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W
INPUT				
Voltage		200 / 208 / 220 / 230 / 240 VAC		
Voltage Range		160 ~ 280 VAC at 100% load; 110 ~ 300 VAC at 50% load		
Frequency Range		40 ~ 70 Hz		
OUTPUT				
Voltage		200 / 208 / 220 / 230 / 240 VAC		
Frequency Range		47 ~ 53 Hz or 57 ~ 63 Hz (synchronized range)		
Current Crest Ratio		3:1		
Harmonic Distortion		≤ 3% THD (linear load) / ≤ 6% THD (non-linear load)		
Transfer Time		Zero (AC mode to battery mode), typical 4ms (inverter to bypass)		
EFFICIENCY				
To AC Mode		88%		90%
To Battery Mode		83%	87%	88%
BATTERY				
Standard Model	Type & Number	12 V / 9 Ah x 2	12 V / 9 Ah x 4	12 V / 9 Ah x 6
	Typical Recharge Time	4 hours recover to 90% capacity		
	Charging Current (Max.)	1.0 A		
	Charging Voltage	27.4 VDC ±1%	54.7 VDC ±1%	82.1 VDC ±1%
Long Run (L) Model	Charging Current (Max.)	1.0 A / 2.0 A / 4.0 A / 6.0 A		
INDICATOR				
LCD Display		Load level, battery level, AC mode, battery mode, bypass mode, and fault indicators		
MANAGEMENT				
Smart RS-232 / USB		Supports Windows® 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10, Linux, Unix and MAC		
Optional SNMP		Power management from SNMP manager and web browser		
PHYSICAL				
Standard Model	Dimension (D x W x H) (mm / in)	282 x 145 x 220 / 11.1 x 5.7 x 8.7	397 x 145 x 220 / 15.6 x 5.7 x 8.7	421 x 190 x 318 / 16.6 x 7.5 x 12.5
	Net Weight (kg / lb)	9.8 / 21.6	17 / 37.5	27.6 / 60.9
Long Run (L) Model	Dimension (D x W x H) (mm / in)	282 x 145 x 220 / 11.1 x 5.7 x 8.7	397 x 145 x 220 / 15.6 x 5.7 x 8.7	
	Net Weight (kg / lb)	4.1 / 9.0	6.8 / 15.0	7.4 / 16.3



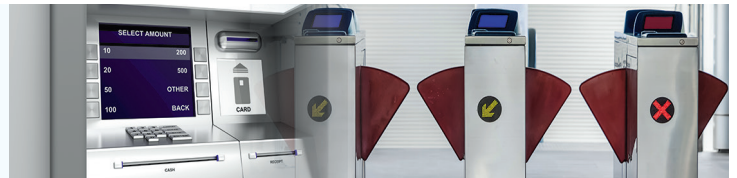
ULT-W6KL / ULT-W10KL ULT-W6K / ULT-W10K

ULTIMA W UPS FEATURES

- True double-conversion technology
- Microprocessor control optimizes reliability
- Input power factor correction
- Wide input voltage (110 ~ 300 VAC)
- Output power factor 0.9 (6KVA ~ 10KVA models)
- Converter mode available
- Generator compatible
- Emergency power off (EPO) function
- Charger capacity expandable up to 6 A for long runtime (L) models
- USB or RS-232 smart port for power management software
- Intelligent communication slot enables remote monitoring
- Comprehensive display allows easy monitoring and access of UPS status
- Maintenance bypass switch (Optional)

APPLICATIONS

- Server Rooms
- Professional Workstation
- Telecom & Networking
- Office Equipment



ULTIMA W ON-LINE UPS SPECIFICATION

MODEL	ULT-W6K	ULT-W6KL	ULT-W10K	ULT-W10KL
Capacity	6000 VA / 5400 W		10000 VA / 9000 W	
INPUT				
Nominal Voltage	208 / 220 / 230 / 240 VAC			
Voltage Range	176 ~ 300 VAC at 100% load; 110 ~ 300 VAC at 50% load			
Frequency Range	46 ~ 54 Hz or 56 ~ 64 Hz			
OUTPUT				
Voltage	208 / 220 / 230 / 240 VAC			
Frequency Range	46 ~ 54 Hz or 56 ~ 64 Hz (synchronized range)			
Current Crest Ratio	3:1 (max.)			
Harmonic Distortion w / o ISO	≤ 3% THD (linear load) / ≤ 5% THD (non-linear load)			
Transfer Time	Zero			
EFFICIENCY				
Line Mode w / o ISO	92%		93%	
Battery Mode w / o ISO	90%		91%	
BATTERY				
Battery Type	7 Ah	Depending on applications	9 Ah	Depending on applications
Numbers	16 pcs	16 ~ 20 pcs (Programmable)	16 pcs (20 pcs optional)	16 ~ 20 pcs (Programmable)
Typical Recharge Time	8 hours recover to 90% capacity	Depending on the capacity of external batteries	8 hours recover to 90% capacity	Depending on the capacity of external batteries
Charging Current	Default:1.0 A ±10%	1 / 2 / 4 / 6 A @ 16 pcs	Default:1.0 A ±10%	1 / 2 / 4 / 6 A @16 pcs
Float Charging Voltage	218.4 VDC ±1%	273 VDC ±1% (Based on 20 pcs batteries)	218.4 VDC ±1%	273 VDC ±1% (Based on 20 pcs batteries)
INDICATOR				
LCD Panel	Load level, battery level, AC mode, battery mode, bypass mode, and fault indicators			
MANAGEMENT				
Smart RS-232 / USB	Supports Windows® 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10, Linux, Unix and MAC			
Optional SNMP	Power management from SNMP manager and web browser			
PHYSICAL				
Dimension (D x W x H) (mm / in) w / o ISO	369 x 190 x 688 / 14.5 x 7.5 x 27.1	369 x 190 x 318 / 14.5 x 7.5 x 12.5	442 x 190 x 688 / 17.4 x 7.5 x 27.1	442 x 190 x 318 / 17.4 x 7.5 x 12.5
UPS Net Weight (kg / lb) w / o ISO	61 / 134.5	12 / 26.5	66 / 145.5	16 / 35.3

Product specifications are subject to change without further notice.