



ACCESSORY ITEM



MBS-123TW

ULTIMA W SERIES FEATURES

- True double-conversion technology
- Microprocessor control optimizes reliability
- Input power factor correction
- Wide input voltage (110–300VAC)
- 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		1000VA / 800W	2000VA / 1600W	3000VA / 2400W
INPUT				
Voltage		100 / 110 / 115 / 120 / 127VAC		
Voltage Range		85~140VAC at 100% load; 55~145VAC at 50% load		
Frequency Range		40Hz~70Hz		
OUTPUT				
Voltage		100 / 110 / 115 / 120 / 127VAC		
Frequency Range		47~53Hz or 57~63Hz (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%	88%	90%
To Battery Mode		83%	85%	88%
BATTERY				
Standard Model	Type & Number	12V / 9Ah x 2	12V / 9Ah x 4	12V / 9Ah x 6
	Typical Recharge Time	4 hours recover to 90% capacity		
	Charging Current (Max.)	1.0 A		
	Charging Voltage	27.4VDC ±1%	54.7VDC ±1%	82.1VDC ±1%
Long Run (L) Model	Charging Current (Max.)	1.0A / 2.0A / 4.0A / 6.0A		
LCD Display		Load level, battery level, AC mode, battery mode, bypass mode, and fault indicators		
INTERFACE				
Smart RS-232 / USB		Supports Windows® 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / Linux / Unix / 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		
	Net Weight (kg / lb)	4.1 / 9.0	6.8 / 15.0	7.4 / 16.3