UM TOP Series 650~1050VA

General introduction

The All-in-One UPS series, featured with smart microprocessor control design, AVR boost and buck, Smart USB communication interface and cold start function, is an idea solution for protecting household and small office systems. In addition, the UPS is built-in USB charger, which can charge your mobile, PAD, etc.

Two kinds of color LCD display

LED display

Features

- Boost and Buck AVR corrects either under-voltage or over-voltage condition to minimize the usage of battery energy, hence to extend the life of battery
- Built-in USB charger supplies feasible access to recharge your mobile or PAD alone
- With ergonomic cable management design, all the access of the cable is from top only
- Cold Start Function
- Smart USB Interface for Power management supports real-time power and UPS status monitoring. Automatic shutdown, schedule and many other advance power management functions
- Auto-restart function enables the UPS may be automatically re-started when Utility recovers

Optional socket

① AC input
② Output socket
③ USB communication
④ USB charger

Rear Panel

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Technical Specifications

Model	UM TOP 650	UM TOP 850	UM TOP 1050
Capacity	600VA/360W	800VA/480W	1000VA/600W
INPUT			
Voltage	220/230/240Vac		
Voltage Range	162~290Vac		
Frequency Range	50/60Hz (1±10%) auto-sensing		
OUTPUT			
AC Voltage Regulation (Batt. Mode)	±10%		
Frequency Range (Batt. Mode)	50/60Hz±1Hz		
Transfer Time	Typical 2-6 ms,10 ms Max.		
Waveform (Batt. Mode)	Simulated Sinewave		
BATTERY			
Battery Voltage	12Vdc		
Battery Type & Number	12V/7Ah×1	12V/9Ah×1	12V/10Ah×1
Typical Recharge Time	6~8 hours recover to 90% capacity		
INDICATORS			
LED Display(LED version)	AC Mode, Battery Mode, Overload, Fault		
LCD Display(LCD version)	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Battery Low		
PROTECTION			
Full Protection	Short circuit, Overload , Overcharge and overdischarge protection		
ALARM			
Battery mode	Sounding every 10 seconds		
Low Battery	Sounding every second		
Overload	Sounding every 0.5 second		
Battery Replacement Alarm	Sounding every 2 seconds		
Fault	Continuously sounding		
MANAGEMENT			
Communication port	USB or RS232(Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC)		
Other			
USB Charger port	5Vdc/1A or 5Vdc/2A type A (For mobile or iPad charging)		
OPERATING ENVIRONMENT			
Humidity	0-90 % RH @ 0- 40° C (Non-condensing)		
Noise Level	Less than 45dB		
PHYSICAL			
Approx. Dimension (D×W×H)	293×202×93mm		309×202×93mm
Approx. Net Weight	Approx. 3.6kg	Approx. 4.9kg	Approx. 6.4kg
Safety	IEC/EN 62040-1; IEC/EN 60950-1		
EMC	IEC/EN 62040-2; IEC 61000-4-2; IEC 61000-4-3; IEC 61000-4-4; IEC 61000-4-5; IEC 61000-4-6; IEC 61000-4-8		
Performance	IEC/EN 62040-3		

1. Specifications are subject to change without prior notice
2. Data above are typical values for reference only, not as a basis for engineering design