



یو پی اس لاین اینتراکتیو شبه سینوسی ۱۵۰۰ ولت آمپر (سری میامی) Line Interactive Simulated Sinewave 1500VA UPS (Miami Series)

- . Simulated sine wave output
- . Boost and buck AVR for voltage stabilization
- . Software and hardware protections
- . Audio and LED alarm management
- . Cold start
- . Green Mode (Energy Saving Mode)
- . Intelligent battery management
- . Short circuit and over-load management



Model	Miami Internal	Miami External
Type	Internal Battery Line Interactive UPS	External Battery Line Interactive UPS
Capacity	1500 VA / 900 W	
Number of Phases	1	
DC INPUT		
Rated Voltage	24 V	
DC Input Range (Default)	20 – 27.6 V	
AC INPUT		
Input Voltage Range	220V ± 25%	
Input Frequency Range	50Hz, ± 10%	
OUTPUT		
Output Voltage Range	200V~240V (Line mode) 220V ± 2% (Backup mode)	
Output Frequency Range	50Hz, ± 0.05Hz (Backup mode)	
Waveform	Simulated Sinewave	
Nominal Power Factor	0.6	
Transfer Time	≤ 8ms	
Green Mode (Energy Saving Mode)	< 3% of nominal load, Enters after 4 min.	
Protections	Against overload Against short circuit in Line mode (by software + Fuse) Against short circuit in Backup mode (by software + Fuse) Against Battery over-voltage and low-voltage Against input voltage over-range Against input frequency out of range	
Operation Time in Overload (Line mode and Backup mode)	60 sec up to 110% and then shutdown 3 sec up to 130% and then shutdown Immediately shutdown greater than 200%	
Muted Operation	Can be activated or de-activated manually	

Model	Miami Internal	Miami External
Display	4 LEDs (Green, Blue, Yellow and Red) with different operations in distinct situations	
Batteries		
Internal Battery	Standard Model	
Number and Type of the Batteries	12V (7 Ah or 9 Ah) lead Acid × 2	12V (up to 100AH) lead Acid × 2
Intelligent battery management in case of front items	<ul style="list-style-type: none">• Impermissible Overvoltage• Low voltage• End of discharge	
Charging Current	–	Settable between 1 to 6 A In The Factory
Audio and LED Alarm Management		
Audio alarms and Professional troubleshooting	<p>Makes audio (by buzzer) alarms and LED commands in different situations as follows:</p> <ul style="list-style-type: none">• Battery voltage weakness in backup mode with different audio patterns in case of under 21V and above it. Also blue LED is on.• When turning on the system in backup mode (or line mode) and battery voltage is out of range a special audio (Bi Bi ...Bi) hears and UPS shuts down. Also red LED is on in this situation.• Overload with continuous Beep (Mute state can not be activated in this condition). Also yellow LED is on.• If input frequency is out of range (less than 45Hz or greater than 55Hz) UPS goes to backup mode. In this situation, a Bi-Bi sound hears every 4 seconds and LED yellow blinks.	
Environmental Conditions		
Working Temperature	0 ~ 40 °C	
Storage Temperature	-20 ~ 70 °C	
Relative Humidity	0 ~ 95% (non-condense)	
Audio Noise Level	Less than 40dB (1m)	
Conditional Protection	IP20	
Others		
Dimension	W × H × D = 16 × 20 × 40	
Weight	16.2	