

DT-UPS-1200

UPS Battery Backup

The Datatronix DT-UPS-1200 is an uninterruptible standby power supply unit, and is ideal for use with electronic components to bridge any time gaps if a location is experience power dips or spikes. In the event of a power anomaly, the UPS unit will use battery backup to power connected electronic components for a brief time until normal power is established at the location.

This solution offers great safety and prolongs the life and ability to work to specification of connected electrical equipment. This solution is often used in conjunction with private cable headend racks, loaded with cable boxes, satellite receivers, and other related processing equipment to maintain viewing service during brief instances of local power problems.

Key Features

- Rate Capacity: 1200 VA,
- Power factor: 0.6
- Input: 80-150 \pm 5 VAC,
- Frequency: 50-60Hz \pm 1Hz
- Output: 102 VAC/132VAC \pm 10% (Sine wave)
- Waveform: PWM/DC
- Battery recharge time: 8 Hours to 90%



Specifications

Power factor	0.6
Load type	Personal computers and other PC peripheral devices
Mains Voltage Range	80-150 \pm 5VAC
Mains Frequency Range	50 or 60Hz \pm 1Hz
Output Voltage Range (Line Mode)	102VAC/132VAC \pm 10% (Sine wave)
Output Frequency Range (Line Mode)	Syncs with mains input
Output Voltage Range (Battery Mode)	110/120/220/230VAC \pm 5% (Square wave)
Output Frequency Range (Battery Mode)	50/60 \pm 1Hz (frequency self-adapt system)
Battery No-load Protection	Auto protection. The UPS will automatically shut down after 2 minutes if there is no load detected
Transfer Time	\leq 10ms
Battery Backup Time*	3-20 minutes, depending on load
Battery Protection	Auto protection. The UPS will automatically shut down when battery voltage is low or high,
Battery Charging Time	8 hours to 90%
Short circuit protection	Auto protection. Output shuts off and the buzzer beeps continuously
Overload protection	110% < load percentage \leq 120%, buzzer beeps; load percentage >120%, output shuts off, buzzer beeps continuously.
Operating temperature	32 - 104° F (0 - 40° C)
Storage temperature	5 - 114° F (-15 - 45.5° C)
Relative humidity	10 - 90% (No condensation water)
Noise	\leq 45dB (1m from front panel)
Dimensions	13.78" x 4.72" x 7.40" (350 x 120 x 188 mm)
Weight	24.2 lbs (11 kg)
Warranty	1 Year Warranty