



DTK-UPS600/800/1000

Line Interactive Uninterruptible Power Supplies



DITEK's 600VA, 800VA and 1000VA UPS Series are designed to provide clean and stable power to connected equipment utilizing the built-in AVR stabilizer, while its embedded microprocessor control guarantees exceptional reliability. All outlets on each model provide backup power to critical equipment.

Product Features

- Compliant to U.S. DOE Energy Conservation Standard efficiency requirements (January 2022)
- Provides a comprehensive backup power solution in a small, economic package
- Built-in protection for an Ethernet circuit
- Embedded microprocessor control guarantees exceptional reliability
- Built-in boost and buck AVR for voltage stabilization
- Touch screen LCD to display information circularly
- Auto-restart while AC is recovering
- Off-mode charging
- Cold start function
- USB connection for software download

Applications

- Home and Office Workstations
- POS Terminals
- Computers, Multiplexors, DVR's
- Small Phone Systems





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| Technical Specifications | | | |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------|
| Part Number: | DTK-UPS600 | DTK-UPS800 | DTK-UPS1000 |
| Capacity: | 600VA / 360W | 800VA / 480W | 1000VA / 600W |
| INPUT | | | |
| Input Voltage: | 110/120VAC | | |
| Voltage Range: | 81-145VAC | | |
| Frequency Range: | 50/60Hz (Auto sensing) | | |
| OUTPUT | | | |
| Output Voltage: | 110/120VAC | | |
| AC Voltage Regulation: | Battery Mode: +/- 10% | | |
| Frequency Range: | Battery Mode: 50Hz or 60Hz +/- 1Hz | | |
| Transfer Time: | Typical 2-6 ms | | |
| Waveform (Battery Mode): | Simulated Sinewave | | |
| Number of Outlets: | 6 (UPS) | | 8 (UPS) |
| BATTERY | | | |
| Battery Type – Quantity: | 12V / 7Ah x 1 | 12V / 9Ah x 1 | 12V / 7Ah x 2 |
| Battery Run Time: | 25% LOAD: 19 min | 25% LOAD: 20 min | 25% LOAD: 21 min |
| Typical Recharge Time: | 4-6 hours recover to 90% capacity | | |
| PROTECTION & INDICATORS | | | |
| Full Protection: | Overload, discharge, overcharge protection | | |
| LCD: | Input / Output Voltage, Battery, Load, UPS Status | | |
| Alarm Sounding: | BATTERY MODE: Every 10 seconds LOW BATTERY: Every second OVERLOAD: Every 0.5 second FAULT: Continuous | | |
| PHYSICAL & ENVIRONMENTAL | | | |
| Dimensions: | 11.0" L x 4.0" W x 5.6 H" (279 mm x 101 mm x 142 mm) | | 12.6" L x 5.1" W x 7.2 H" (320 mm x 130 mm x 182 mm) |
| Weight: | 9.26 lb (4.2 kg) | 10.8 lb (4.9 kg) | 18.0 lb (8.2 kg) |
| Humidity: | 0-90% RH @ 0-40°C (non-condensing) | | |
| Noise Level: | Less than 40dB | | |
| QUALITY STANDARDS & APPROVALS | | | |
| Certifications: | TUV Tested and Certified to: UL1778-2014 CSA-C22.2 No. 107.3:2014 | | |
| DOE Compliance: | Yes | | |
| Overall Efficiency: | > 98.4% | | |