DTK-UPS Series

Line Interactive Uninterruptible Power Supplies





DITEK's DTK-UPS Series 600VA and 1000VA models 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 (Jan 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 rotate through display information
- Auto-restart while AC is recovering
- Off-mode charging
- Cold start function
- USB connection for software download

APPLICATIONS

- Home and Office Workstations
- POS Terminals
- Small Phone Systems
- Home Theater Systems

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TECHNICAL SPECIFICATIONS		
Part Number:	**DTK-UPS600**	**DTK-UPS1000**
Capacity:	600VA / 360W	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:	2ms - 6ms	
Waveform (Battery Mode):	Simulated sinewave	
Number of Outlets:	6 (UPS)	8 (UPS)
BATTERY		
Battery Type & Quantity:	12Vdc / 7Ah x 1	12Vdc / 7Ah x 2
Battery Run Time:	19 minutes @ 25% load	21 minutes @ 25% load
Typical Recharge Time:	4-6 hours recover to 90% capacity	
PROTECTION & INDICATORS		
Full Protection:	Battery Mode: Every 10 seconds Low Battery: Every second Overload: Every 0.5 seconds Fault: Continuous	
LCD:	Input Voltage, Output Voltage, Battery, Load	
Alarm Sounding:		
PHYSICAL & ENVIRONMENTAL		
Dimensions:	11.0 in. L x 4.0 in. W x 5.6 in. H (279 mm x 101 mm x 142 mm)	12.6 in. H x 5.1 in. W x 7.2 in. H (320 mm x 130 mm x 182 mm)
Weight:	10 lbs. (4.54 kg)	18.5 lbs. (8.39 kg)
Humidity:	0-90% relative humidity @ 0-40°C (non-condensing)	
Noise Level:	Less than 40dB	
SAFETY STANDARDS & CERTIFICATIONS		
Certifications:	UL 1778-2014 CSA C22.2 No.107.3-2014	
U.S. DOE Compliance:	Yes	
Overall Efficiency:	> 98.4%	

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