

## TED UPS Online Tower 6-10kVA

- Pure Sine Wave Output Double Conversion
- Online static bypass, zero transfer time
- High Reliability Microprocessor Control, Self Check
- Intelligent startup in DC mode (cold start function)
- LCD display
- High protection for overload
- Auto restart while AC is recovering
- Automatic recharge, off-mode charging
- Smart battery management, protection for UPS fault



Specifications		
Model	TED6kVA Tower	TED10kVA Tower
Power	6kVA / 5.4kW	10kVA / 9kW
Input		
Voltage range	304V - 475V AC	
Frequency range	45Hz - 55Hz	
Total Harmonic Distortion THDi	<5% with full load	
Power factor	> 0.95	
Output		
AC Voltage Regulation (Batt. Mode)	230V AC	
Frequency range (Batt. Mode)	50Hz	
Transfer Time / Crest ratio	0ms / 3:1	
Waveform / Power Factor	Pure Sine Wave / 0.9	
Overload Capability	105%-125% 60s; 125%-150% 30s; >150% 0.5s	
Harmonic Distortion	THD<5% non-linear load; THD<3% linear load	
Battery		
Battery Type & Number	16x 12V / 7.1Ah	
Back-up Time (typical load)	10min	
Typical Recharge Time	< 5h	
General characteristics		
Protection	Full Protect: surge, overload, discharge, overcharge and short-circuit	
Transfer Time (inverter to bypass)	0ms	
Efficiency (online mode)	> 85%	
Output outlets	Terminal Block	
Communication Ports	1x RS232 + (optional) Management SNMP Monitoring	
Dimensions D x W x H	300 x 550 x 700 mm	
Net Weight (including batteries)	53 kg	58 kg
Operating Humidity / Temperature	0 - 90% / 0 - 40°C	
Noise Level	<50dB	
Standard interface via Smart USB	Supports Windows XP / 7 / 8 / 10, Linux, Unix & BSD	

Due to continuous product improvements, program specifications are subject to change without notice

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