

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 (TED004000)	TED10kVA Tower (TED004017)
Power	6kVA / 6kW	10kVA / 10kW
Input		
Voltage range	174-289V AC (normal load) / 110-174V AC (50% load)	
Frequency range	40Hz - 70Hz	
Total Harmonic Distortion THDi	<5% with full load	
Power factor	> 96% - 98% Eco mode	
Output		
AC Voltage Regulation (Batt. Mode)	230V AC	
Frequency range (Batt. Mode)	50Hz - 60Hz	
Transfer Time / Crest ratio	0ms / 3:1	
Waveform / Power Factor	Pure Sine Wave / 1	
Overload Capability	100%-110% 10min; 110%-130% 1min; 130%-150% 30s	
Harmonic Distortion	THD<4% non-linear load; THD<1% linear load	
Battery		
Battery Type & Number	16x 12V / 7Ah (optional:20x 12V / 7Ah)	16x 12V / 9Ah (optional:20x 12V / 9Ah)
Charging Current	1A - 5A (settable)	
Typical Recharge Time	< 8h	
General characteristics		
Protection	Full Protect: surge, overload, discharge, overcharge and short-circuit	
Transfer Time (inverter to bypass)	0ms	
Efficiency (online mode)	> 94% at 100% load, max. 95% at 60% load, > 98% in ECO mode	
Output outlets	Terminal Block	
Communication Ports	1x USB + (optional) Management SNMP Monitoring	
Dimensions D x W x H	191 x 465 x 711 mm	191 x 495 x 711 mm
Net Weight (including batteries)	53 kg	62 kg
Operating Humidity / Temperature	0 - 90% / 0 - 40°C	
Noise Level	<55dB	
Standard interface via Smart USB	Supports Windows XP / 7 / 8 /10, Linux, Unix & BSD	