

## 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		
<b>Model</b>	TED6kVA Tower (TED004000)	TED10kVA Tower (TED004017)
<b>Power</b>	6kVA / 6kW	10kVA / 10kW
Input		
<b>Voltage range</b>	174-289V AC (normal load) / 110-174V AC (50% load)	
<b>Frequency range</b>	40Hz - 70Hz	
<b>Total Harmonic Distortion THDi</b>	<5% with full load	
<b>Power factor</b>	> 96% - 98% Eco mode	
Output		
<b>AC Voltage Regulation (Batt. Mode)</b>	230V AC	
<b>Frequency range (Batt. Mode)</b>	50Hz - 60Hz	
<b>Transfer Time / Crest ratio</b>	0ms / 3:1	
<b>Waveform / Power Factor</b>	Pure Sine Wave / 1	
<b>Overload Capability</b>	100%-110% 10min; 110%-130% 1min; 130%-150% 30s	
<b>Harmonic Distortion</b>	THD<4% non-linear load; THD<1% linear load	
Battery		
<b>Battery Type &amp; Number</b>	16x 12V / 7Ah (optional:20x 12V / 7Ah)	16x 12V / 9Ah (optional:20x 12V / 9Ah)
<b>Charging Current</b>	1A - 5A (settable)	
<b>Typical Recharge Time</b>	< 8h	
General characteristics		
<b>Protection</b>	Full Protect: surge, overload, discharge, overcharge and short-circuit	
<b>Transfer Time (inverter to bypass)</b>	0ms	
<b>Efficiency (online mode)</b>	> 94% at 100% load, max. 95% at 60% load, > 98% in ECO mode	
<b>Output outlets</b>	Terminal Block	
<b>Communication Ports</b>	1x USB + (optional) Management SNMP Monitoring	
<b>Dimensions D x W x H</b>	191 x 465 x 711 mm	191 x 495 x 711 mm
<b>Net Weight (including batteries)</b>	53 kg	62 kg
<b>Operating Humidity / Temperature</b>	0 - 90% / 0 - 40°C	
<b>Noise Level</b>	<55dB	
<b>Standard interface via Smart USB</b>	Supports Windows XP / 7 / 8 / 10, Linux, Unix & BSD	