

## TED UPS Online Tower / Rack 1-3kVA

- 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>	TED1000VA Rack (TED004048)	TED2000VA Rack (TED004055)	TED3000VA Rack (TED004062)
<b>Power</b>	1000VA/900W	2000VA/1800W	3000VA/2700W
Input			
<b>Voltage range</b>	180V - 290V AC (normal load) / 110V - 176V AC (50% load)		
<b>Frequency range</b>	40Hz - 70Hz		
<b>Total Harmonic Distortion THDi</b>	<5% with full load		
<b>Power factor</b>	> 0.99		
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 / 0.9		
<b>Overload Capability</b>	100- 130%: 60s / 130-150%: 30s / >150%: 0.5 s		
<b>Harmonic Distortion</b>	THD<2% linear load; THD<5% non-linear load		
Battery			
<b>Battery Type &amp; Number</b>	2x 12V / 9Ah	4x 12V / 9Ah	6x 12V / 9Ah
<b>Charging Current</b>	1A		
<b>Typical Recharge Time</b>	< 3h		
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>	>90%	>92%	>93%
<b>Output outlets</b>	1x Schuko + 2x IEC	1x Schuko + 4x IEC	1x Schuko + 4x IEC
<b>Communication Ports</b>	1x USB + (optional) Management SNMP Monitoring		
<b>Dimensions W x D x H</b>	440 x 338 x 88 mm (2U)	440 x 528 x 88 mm (2U)	440 x 728 x 88 mm (2U)
<b>Net Weight (including batteries)</b>	12.3kg	21.9kg	30.6kg
<b>Operating Humidity / Temperature</b>	0 - 90% / 0 - 40°C		
<b>Noise Level</b>	<50dB		
<b>Standard interface via Smart USB</b>	Supports Windows XP / 7 / 8 / 10, Linux, Unix & BSD		