

TED UPS Online Tower 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			
Model	TED1050VA Tower	TED2050VA Tower	TED3050VA Tower
Power	1050VA/1000W	2050VA/2000W	3050VA/3000W
Input			
Voltage range	120V - 300V 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 / ~1		
Overload Capability	<130% : 30sec; >130% : 0.2sec		
Harmonic Distortion	THD<5% non-linear load; THD<3% linear load		
Battery			
Battery Type & Number	2x 12V / 7.1Ah	6x 12V / 7.1Ah	6x 12V / 9.1Ah
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	2x Schuko	3x Schuko	2x Schuko + Terminal Block
Communication Ports	1x RS232 + (optional) Management SNMP Monitoring		
Dimensions D x W x H	145 x 220 x 405 mm	195 x 330 x 455 mm	195 x 330 x 455 mm
Net Weight (including batteries)	12kg	26kg	27kg
Operating Humidity / Temperature	0 - 90% / 0 - 40°C		
Noise Level	<40dB	<50dB	<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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