

TED UPS Online Tower 10-20kVA

- Three-Phase UPS
- 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	TED10kVA 3:1 Tower	TED10kVA 3:3 Tower	TED20kVA 3:1 Tower	TED20kVA 3:3 Tower
Power	10kVA/9kW		20kVA/18kW	
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	400V AC	230V AC	400V 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	20x 12V / 7.1Ah		30x 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	Terminal Block			
Communication Ports	1x RS232 + (optional) Management SNMP Monitoring			
Dimensions D x W x H	300 x 600 x 1000 mm			
Net Weight (including batteries)	64kg	109kg	183kg	185kg
Operating Humidity / Temperature	0 - 90% / 0 - 40°C			
Noise Level	<50dB		<58dB	
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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