



TED Online UPS Tower 6-20kVA

- Pure Sine Wave Output
- LCD Display
- High protection for overload
- Intelligent economical working mode
- Online static bypass, zero transfer time
- High Reliability Microprocessor Control, Self Check
- Intelligent startup in DC mode (cold start function)
- N+X parallel capacity up to 3
- Auto restart while AC is recovering
- Automatic recharge, off-mode charging
- Smart battery management, protection for UPS fault
- Long life, low noise, intelligent temperature controlled coolers

Specifications					
Model	TED-6kVA 1/1	TED-10kVA 1/1	TED-10kVA 3/1	TED-15kVA 3/1	TED-20kVA 3/1
Power (VA/W)	6kVA/4.8kW	10kVA/8kW	10kVA/8kW	15kVA/12kW	20kVA/16kW
Input					
Voltage range	120V-275V AC (single phase)		304V-475V AC (three phase)		
Frequency Range	45Hz - 55Hz				
Total Harmonic Distortion THDi	<5% with full load				
Power factor	>0,98				
Output					
AC Voltage Regulation (Batt. Mode)	220V ±1,5% AC (single phase)				
Frequency Range (Batt. Mode)	50Hz ±0.15%				
Transfer Time / Crest ratio	0ms / 3:1				
Waveform / Power factor	Pure Sine Wave / 0.8				
Overload capability	105%-125% 60sec; 125%-150% 30sec; >150% : 0.5sec				
Harmonic distortion	THD<5% non linear load; THD<3% linear load				
Battery					
Battery	AGM				
Backup time (typical load)	10 min				
Typical Recharge Time	< 5 hours				
General characteristics					
Full Protection	Protect surge, overload, discharge, overcharge protection and short circuit				
Transfer time -inverter to bypass-	0ms				
Efficiency -online mode-	>90%				
Output Receptacle	Terminal block & RS232 (communication port)				
Dimension D x W x H (mm)	300 x 550 x 700	300 x 550 x 700	300 x 600 x 1000		
Net Weight (kg) -inc. batteries-	54	57	63	67	73
Operating Humidity/Temperature	0 - 90% / 0 - 40°C				
Noise Level (dB)	less than 50			less than 58	
Standard interface via Smart USB (opt.)	Supports Windows XP, Windows 7/8/10, Linux, Unix and BSD				