

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			
Model	TED1000VA Rack (TED004048)	TED2000VA Rack (TED004055)	TED3000VA Rack (TED004062)
Power	1000VA/900W	2000VA/1800W	3000VA/2700W
Input			
Voltage range	180V - 290V AC (normal load) / 110V - 176V AC (50% load)		
Frequency range	40Hz - 70Hz		
Total Harmonic Distortion THDi	<5% with full load		
Power factor	> 0.99		
Output			
AC Voltage Regulation (Batt. Mode)	230V AC		
Frequency range (Batt. Mode)	50Hz - 60Hz		
Transfer Time / Crest ratio	0ms / 3:1		
Waveform / Power Factor	Pure Sine Wave / 0.9		
Overload Capability	100- 130%: 60s / 130-150%: 30s / >150%: 0.5 s		
Harmonic Distortion	THD<2% linear load; THD<5% non-linear load		
Battery			
Battery Type & Number	2x 12V / 9Ah	4x 12V / 9Ah	6x 12V / 9Ah
Charging Current	1A		
Typical Recharge Time	< 3h		
General characteristics			
Protection	Full Protect: surge, overload, discharge, overcharge and short-circuit		
Transfer Time (inverter to bypass)	0ms		
Efficiency (online mode)	>90%	>92%	>93%
Output outlets	1x Schuko + 2x IEC	1x Schuko + 4x IEC	1x Schuko + 4x IEC
Communication Ports	1x USB + (optional) Management SNMP Monitoring		
Dimensions W x D x H	440 x 338 x 88 mm (2U)	440 x 528 x 88 mm (2U)	440 x 728 x 88 mm (2U)
Net Weight (including batteries)	12.3kg	21.9kg	30.6kg
Operating Humidity / Temperature	0 - 90% / 0 - 40°C		
Noise Level	<50dB		
Standard interface via Smart USB	Supports Windows XP / 7 / 8 / 10, Linux, Unix & BSD		