

TED Online UPS Rack

- Smart battery management, protection for UPS fault
- Intelligent startup in DC mode (cold start function)
- Online static bypass, zero transfer time
- Pure Sine Wave Output
- LCD Display
- High protection for overload
- Auto restart while AC is recovering
- Automatic recharge, off-mode charging
- High Reliability Microprocessor Control, Self Check



Specifications					
Model	1000RM	2000RM	3000RM	6000RM	10000RM
Power (VA/W)	1000VA/1000W	2000VA/2000W	3000VA/3000W	6000VA/5400W	10kVA/9kW
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 ±1,5% AC				
Frequency Range (Batt. Mode)	50Hz ±0.15%				
Transfer Time / Crest ratio	0ms / 3:1				
Waveform / Power factor	Pure Sine Wave / 1			Pure Sine Wave / 0.9	
Overload capability	<130% : 30sec; >130% : 0.2sec				
Harmonic distortion	THD<5% non linear load; THD<3% linear load				
Battery					
Battery Location	Internal	External	External	External	External
Battery Type & Number	2 x 12V/7Ah	6 x 12V/7Ah	6 x 12V/9Ah	16 x 12V/7Ah	16 x 12V/9Ah
Typical Recharge Time / Backup time (typical load)	< 5 hours / 10 min				
General characteristics					
Full Protection	Protect surge, overload, discharge, overcharge protection and short circuit				
Transfer time -inverter to bypass-	0ms				
Efficiency -online mode-	>85%				
Output Receptacle	Schuko CEE 7/3, terminal block, RS232 (communication port)				
Dimension D x W x H (mm)	437x468xh(2U)	437 x 468 x h (2U+2U)		437 x 468 x h (3U+2U)	
Net Weight (kg) -inc. batteries-	12	32	33	55	57
Operating Humidity/Temperature	0 - 90% / 0 - 40°C				
Noise Level (dB)	less than 50				
Standard interface via Smart USB (opt.)	Supports Windows XP, Windows 7/8/10, Linux, Unix and BSD				

*Due to continuous product improvements, program specifications are subject to change without notice.