



# TR

## THE FEEDBACK TO TOWER / RACK MOUNT ONLINE UPS

For Applications: 1 kVA, 2 kVA, 3 kVA, 6 kVA & 10 kVA



ON-LINE  
SINEWAVE



LOW HARMONICS  
DISTORTION



EXTENDED  
BACKUP TIME



TOWER SYSTEM



RACK MOUNT



SMART  
COMMUNICATION



SOFTWARE



WIDE INPUT  
VOLTAGE



VOLTAGE  
REGULATION



POWER SURGE  
GUARD



- The US8000TR Series is designed to cater for sensitive equipments. The wide input voltage range, low output harmonics and narrow voltage variation provide excellent power quality to the sensitive servers, medical equipments, laboratory equipments, audio and telecommunication equipments. The US8000TR Series provides protection against power surges & lightning transients. For extended back up time from 30 minutes to more than 8 hours the user can add the battery modules or external battery bank.

## Specifications

Model	US8010TR 3BP	US8020TR 6BP	US8030TR 8BP	US8060TR 16BP	US80100TR 16BP	
Capacity	1kVA / 700W	2kVA / 1400W	3kVA / 2100W	6kVA/ 4800W	10kVA/ 8000W	
<b>Input Specifications</b>						
Nominal Voltage	230V AC					
Voltage Range	160 - 295 (Full Load), 120 - 295 (Half Load)		160 - 276 (Full Load), 120 - 276 (Half Load)			
Frequency	50Hz $\pm$ 10%					
<b>Output Specifications</b>						
Voltage	230V $\pm$ 2%					
Frequency (Battery Mode)	50Hz $\pm$ 0.2%					
Waveform	Pure Sinewave					
Distortion (Linear Load)	THD < 3%					
Overload Capacity	105% - 129% for 60 seconds, 130% - 150% for 30 seconds, > 150% for 300 ms		105% - 125% for 10 mins, 125% to 150% for 1 mins, > 150% for 1 second			
Load Crest Ratio	oad Level / Battery Level / AC Mode / Backup Mode 3:1					
Transfer Time	Bypass Mode / Battery Low / UPS Fault 0ms					
<b>Battery Specifications</b>						
Type	Sealed Lead Acid, Maintenance Free					
Rating	12V 7AH or equivalent					
Number of Battery	3	6	8	16		
Typical Backup Time	10 to 30 minutes*					
Recharge Time	12 hours to 90% of full capacity after complete discharge					
<b>Display Indication</b>						
Display Type	LED Displays Operation Status of UPS					
LED Display	Load Level/ Battery Level/ AC Mode/Backup Mode/ Bypass Mode/ Battery Mode/UPS Fault			LCD & LED Display		
Protection	Battery Low Voltage, Overload, Short-circuit, Overheat, Over Voltage					
<b>Environment Specifications</b>						
Operating Temperature	0° to 40°C					
Relative Humidity	0-95% without condensation					
Noise Level	< 45dB					
<b>Audible Alarms</b>						
Battery Mode	Beeping 3 times every 10 seconds					
Battery Low	Beeping 1 times every 0.5 seconds					
Overload	Continuously beeping					
Fault	Continuously beeping					
<b>Network Capability</b>						
Communications	Intelligent Serial Interface - RS232			RS232+USB+EPO		
SNMP Capability (Optional)	SNMP Adaptor					
<b>Physical Specifications</b>						
Dimension WxHxD (mm)	Power Module – Rack-Mount	440 x 88 x 500			440 x 132 x 550	
	Power Module – Tower	88 x 440 x 500			-	
	Battery Module – Rack-Mount	-	440 x 88 x 500			440 x 132 x 550
	Battery Module – Tower	-	88 x 440 x 500			-
Net Weight (kg)	Power Module	14	10	11	18	19
	Battery Module (with Batteries)	-	22	28	48	48

Specifications are subject to change without prior notice.



MS ISO 9001:2000 Reg No: AR 0052

