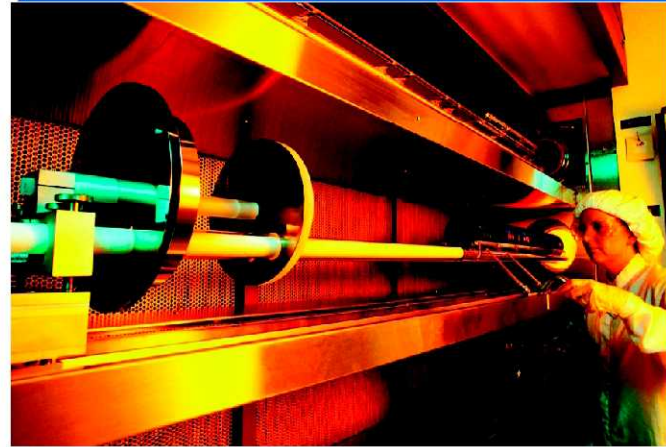


ONLINE UPS 10-100KVA (3:1)



TRM 10000 Series

Application

Industry
IT/ITES
Any type of Instrument

FEATURES

- Efficiency Control System (ECS)
- Galvanic Separation
- High overload capacity
- LCD Display
- Numerous parallel solutions
- Dual level charging regime to optimise recharge currents and reduce charge times
- Temperature compensation and deep discharge protection to reduce overall battery ageing
- Charge blocking system to reduce electrolyte consumption and lengthen the life of VRLA batteries
- Battery tests to diagnose, in advance, any reduction in performance or problems with the batteries.
- UPS is supplied with a cable for direct PC connection (Plug and Play)
- RS232 double serial port
- Slot for network adapter installation; ESD contact (Emergency Switching Device) for switching off the UPS by remote emergency button.
- Remote led mimic panel or graphic display.

TECHNICAL SPECIFICATIONS

MODELS	TRM10010	TRM10015	TRM10020	TRM10030	TRM10040	TRM1006	TRM10080	TRM1010
POWER	10	15	20	30	40	60	80	100
INPUT								
Nominal voltage	380 - 400 - 415 Vac Three-phase							
Voltage tolerance	400 V + 20% / - 25%							
Frequency	45 - 65 Hz							
Soft start	0-100% in 30" (selectable)							
Permissible frequency tolerance	± 2% (selectable from ± 1% to ± 5% from front panel)							
Standard equipment provided standard	Back Feed protection; separable bypass line							
BATTERIES								
Type	open lead acid and VRLA AGM / GEL; NiCd.							
Residual ripple voltage	< 1%							
Temperature compensation	-0.5 Vx°C							
Typical charge current	0.2 x C10							
OUTPUT								
Nominal power (kVA)	10	15	20	30	40	60	80	100
Active power (kW)	9	13.5	18	27	36	54	72	90
Nominal voltage	220 - 230 - 240 Vac Single-phase							
Static stability	± 1%							
Dynamic stability	± 5% in 10 ms							
Voltage distortion	< 1% with linear load / < 3% with non-linear load							
Crest factor (I _{peak} /I _{rms})	3:01							
Frequency stability on battery	0.05%							
Frequency	50 or 60 Hz (selectable)							
Overload	110% for 60'; 125% for 10'; 150% for 1'							
Net weight	200	220	230	290	340	440	520	650
Dimensions (hwd) (mm)	1400 x 555 x 740			1400 x 800 x 740				1900 x 800 x 800
Remote signals	voltage-free contacts							
Remote controls	ESD and bypass							
Communication	Double RS232 + remote contacts + 2 slots for communications interface							
Ambient temperature	0°C / +40°C							
Relative humidity	< 95% non-condensing							
Colour	Dark grey RAL 7016							
Noise level at 1 m (dBA)	62			62			63	
Protection level	IP20							
Smart Active Output	up to 98%							
Regulations	Regulatory Directives LV 2006/95/EC -EMC IEC EN 62040-2; IEC2004/108/EC; IEC Safety EN 62040-1; Performance EN 62040-3							
Classification according to IEC 62040-3	(Voltage Frequency Independent) VFI - SS - 111							

- All specifications are subject to change without prior notice.
- Custom-made specifications are acceptable.