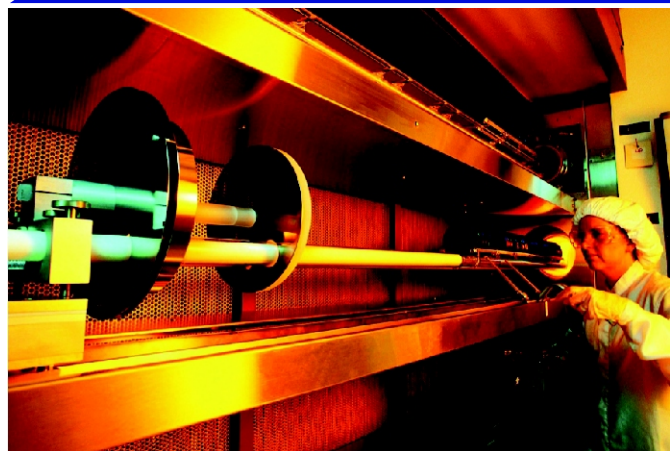
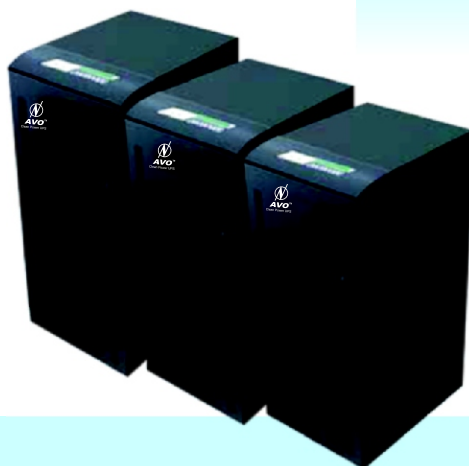


R-SERIES

8 - 80 KVA (3:1)



On - Line UPS (Reliable Series)

AVO Terminal Power TEP 8000

Application:

Computer/critical servers/data center/hub & other network device/LAN/WAN.

FEATURES & BENEFITS

- Three phase in. One phase out.
- Double conversion online technology
- Static bypass
- Touch LCD with control panel,
- Remote Management
- Parallel redundant
- Self diagnosis
- Low noise
- Wide input voltage range

High reliability:

modularization, intelligent CPU control, IGBT inverter design, Static bypass, International manual maintenance bypass, output isolation.

Optimized battery performance:

Automatically convert to constant-current constant-voltage charging technology :

Comprehensive and reliable protection:

Self-diagnose; Over-under voltage protection, output overload/short-circuit protection, inverter over-temperature protection; Strong overload capability

Network management humanity:

Communicate with PC by RS232; Use SNMP adapter, UPS can realize remote network management function.

Optional:

Parallel module, five harmonic suppresser, SNMP adapter, bypass isolation transformer, remote control panel.

Technical Specifications

MODEL	TEP8008	TEP8010	TEP8015	TEP8020	TEP8030	TEP8040	TEP8060	TEP8080
Capacity	8KVA	10Kva	15Kva	20Kva	30Kva	40KVA	60KVA	80KVA
Power	6.4KW	8KW	12KW	16KW	24KW	32KW	48KW	64KW
Power factor	0.8							
INPUT								
Phase	3 Phase \$Wire and Ground							
Voltage Range	± 20%							
Frequency range	45-65Hz							
Rectifies	3 Phase 6Pulses or 12 Pulses							
OUTPUT								
Phase	Single phase							
Wave	Sine wave							
Crest Factor	3:1							
Raied voltage	220V/230V/240V optional							
Phase voltage setting	200v-244vac (control panel)							
Transient response	± 5% 10NS							
Frequency range	50/60hz ±0.5%							
Range of phase lock	with synchronization ±0.05%							
	Without Synchronisation ±2%(settable±1% on the control panel)							
THD	<3% linear load							
Short circuit current	Short current for 0.1s (200% current)							
Overload capacity	110%/125%/150% rated current 300min/10min/1min							
BATTERY								
Battery	Maintenance free lead acid cell							
DC voltage	384 vdc							
BYPASS								
Type	Static state+Manual maintenance bypass							
Input phase	Single phase							
Input voltage rang	±15%(can adjust ±10% or ± 25% through front control panel)							
Input frequency rang	± 2% or ± 5% select by control							
Transfer time	Inverter bypass transfer switch time (normal overload) 0ms							
	Inverter/bypass transfer switch time (fault) : 1ms							
SYSTEM								
Remote Signaling	Dry connect (battery low, battery discharging, bypass/fault):out12VDC 80MA							
Remote control	EPO and bypass							
Communication interface	RS232(SNMP Modem Optional)							
Running temperature	0-40°C							
Relative Humidity	Less than 95% (Without condensing)							
Attitude	100m output nominal power (with increase of 100m, it will reduce output of 1%) max 400m							
Noise	48-54dB(at 1M)				53-60dB (at 1M)			
Inverter efficiency	94%							
IP Classes	IP 20							
Aplicable standards	EN 62040-1-1 / EN50091-2							
OTHER								
Unit Dimension (WxDxH)mm	555x725x1220							

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



SWITCHING AVO ELECTRO POWER LIMITED

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