

Online UPS **TR-Series** (True Reliable Series) 10-80KVA (3/3)



AVO TRUE RELIABLE POWER RP 8000

Application:

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

FEATURES & BENEFITS

AVO TRUE RELIABLE POWER RT 8000 provides maximum protection for E-business applications thanks to its outstanding mechanical and electrical design. The load is powered continuously by the inverter with a filtered, stabilised and regulated sinewave supply. The input and output EMI filters considerably increase the immunity of the load to mains disturbances and surges. AVO TRUE RELIABLE POWER RT 8000 is supplied with PowerShield software as standard and can be remotely monitored using the TeleNetGuard system from anywhere in the world. Additional battery extension packs allow the standard battery runtime to be extended up to several hours. AVO TRUE RELIABLE POWER RT 8000 series includes 10-80 kVA

three-phase models and uses double conversion on-line technology (VFI) with an isolation transformer on the inverter output.

HIGH RELIABILITY

- Extremely high short-circuit current to ensure compatibility with the most difficult applications and an isolation transformer on the inverter output.
- Full microprocessor control with no-break static and manual bypasses,
- IGBT technology

Technical Specifications

RT MODELS	RP8010	RP8015	RP8020	RP8030	RP8040	RP8060	RP8080
POWER (kVA)	10	15	20	30	40	60	80
INPUT							
Rated voltage (V)	400 Vac three-phase						
Voltage range	± 20%						
Frequency range	45 ÷ 65 Hz						
Power factor	> 0.9 in RT CLEAN version						
Distortion of the current absorbed	< 5% in RT CLEAN version						
Soft start	0-100% in 10"						
BY PASS							
Rated voltage (V)	400 Vac three-phase						
Permitted voltage range	± 15% (selectable from ± 10% to ± 25% from front panel)						
Rated frequency	50/60 Hz auto sensing						
Permitted frequency range	± 2% (selectable from ± 1% to ± 5% from front panel)						
Standard features	Back Feed protection; separate bypass line						
BATTERIES							
Type	Maintenance-free lead-acid VRLA AGM/GEL; NiCd						
Maximum recharge current (A)	0.2 x C10						
RECTIFIER OUTPUT							
Maintenance voltage	Variable acc. to temperature (-0.5 Vx°C)						
Ripple	< 1%						
INVERTER OUTPUT							
Rated power (kVA)	10	15	20	30	40	60	80
Rated voltage (kW)	8	12	16	24	32	48	64
Number of phases	3 + N						
Rated voltage (V)	400						
Rated current (A)	14	22	29	43	58	87	115
Regulation of the output voltage	348 ÷ 424 V (from control panel)						
Crest factor (Ipeak/Irms)	3: 1						
Waveform	Sinewave						
Static stability	± 1%						
Dynamic stability	± 5% in 5 ms						
Frequency	50/60 Hz configurable						
Overload	110% 125% 150% of the rated current for 5h/10'/1'						
Frequency stability	± 0.05% on mains failure; ± 2% (selectable from ± 1% to ± 5%) with mains supply present						
ENVIRONMENTAL							
Weight (kg)	210 to 480	220 to 490	230 to 500	282 to 552	330	450	555
Dimensions (HxWxD) (mm)	1200 x 555 x 720					1400 x 800 x 740	
Remote signalling	Volt free contacts						
Remote controls	EPO and Bypass						
Communication	RS232 + remote contacts						
Operating temperature	0°C ÷ +40°C						
Relative humidity	< 95% non condensing						
Colour	Light grey RAL 7035						
Noise	54 dBA at 1 m		60 dBA at 1 m			62 dBA at 1 m	
Protection rating	IP20						
Efficiency Smart Mode	up to 98%						
Compliance	Safety EN 62040-1 EMC EN 62040-2 Directives 2006/95/EC 2004/108/EC; EN 62040-3						
Internal batteries	yes	yes	yes	no	no	no	no

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



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