

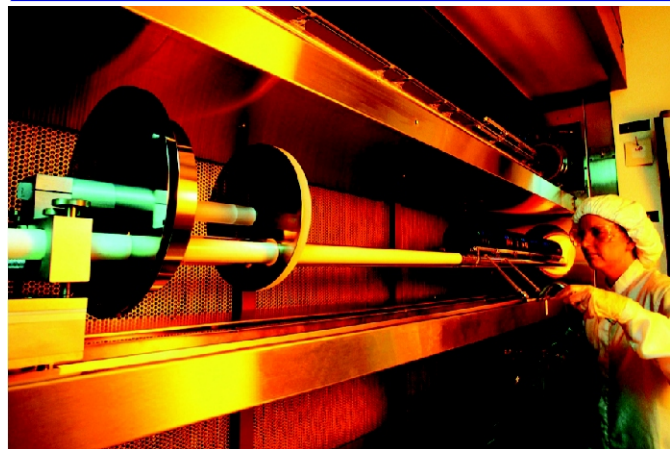
R-SERIES

AVO Green Power TFP 5000
10 - 50 KVA (3:1)



Application:

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



On - Line UPS (Reliable Series)
AVO Fluent Power TFP 5000

AVO Fluent Power TFP 5000 character true online double conversion, zero transfer time, Intellectual blocking design, adopt advanced power apparatus IGBT, predominant SPWM inverter, MVBM intellectual multi-modes battery management and intellectual monitoring and management software. The super strength parallel capacity can extend on line parallel redundancy or N+1 redundancy parallel as subscriber investing ability. Optimize the investment on data center and donate data center high reliability, usability, management, extension, and lower maintenance fee.

Main features:

- True online double conversion, equipped with IGBT and output transformer
- Reliable EMC Features
- Cold Start Function
- Full functions LCD Display
- The patented intelligent battery control system
- Flexible net project for monitoring
- Advanced None-principle-subordinate Adaptive Control Techniques capable for multi-machine parallel or N+1 parallel redundancy

Technical Specifications

Mode	TFP5010	TFP5015	TFP5020	TFP5030	TFP5040	TFP5050
INPUT FEATURES						
Voltage (Vac)	380±25%					
Frequency (Hz)	50± 5%					
Phase	three phases five lines					
Battery Voltage (Vdc)	16x12=192			29 x 12 = 384		
OUTPUT FEATURES						
Capacity (KVA)	10	15	20	30	40	50
Voltage (Vac)	220 ± 1%					
Frequency	Utility normal follow mains in phase; utility fault, machine frequency 50 ± 0.5%					
Parallel mode (optional)	None-principle-subordinate Adaptive Control Technique User can extend parallel capacity as needed or N+1 redundancy parallel					
Wave form	For linear load THD≤3%					
Efficiency	≥ 90%					
Static bypass	Inbuilt					
Transfer time (ms)	0					
Over load Capacity	125% load for 1 mins.	125% load for 1 mins, 150% load for 20 sec				
	150% load for 400 ms					
Other features						
Bypass maintenance	Over 20KVA UPS own handle bypass maintenance design.					
	Zero Transfer time, supply more reliable support to maintenance and technology upgrade					
Standby time	Battery supplying time optional as needed					
Communications interface (optional)	RS485/RS232 data and dry connection Supporting power manager software and SNMP adapter.					
Panel Display	LCD Display indicates Input voltage, output voltage, battery voltage. changing current, loading etc., LED indicates running status					
Dimension (WxDxH)	300x740x700			400x800x1180		
Weight (Kg)	145	160	230	250	310	330

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



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