

ONLINE UPS

RPC OL Series

Rating: 1kVA ~ 20kVA



ENERGY THAT
DRIVES FUTURE

Answering All Power Needs



www.rpcupsindia.com

RPC OL ONLINE UPS SERIES

PERFORMANCE

Utilizing a combination of high sampling rates and Direct Digital Control (DDC) with Analog fast comparator, the RPC OL UPS is able to provide superior performance under all load conditions.

RPC OL UPS Series is suitable for a wide range of applications including IT, security, telecommunications, electro-medical systems, and the most demanding industrial environments.

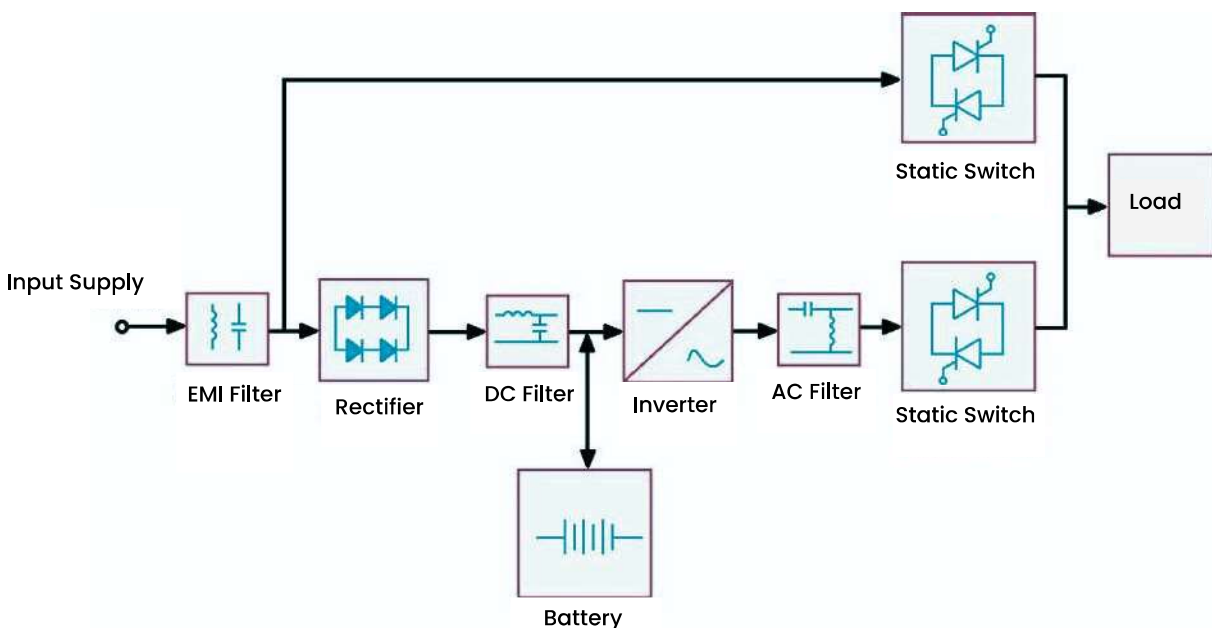
The transformer-based design of RPC OL UPS series provides protection from the massive range of power irregularities including unmatched efficiency, usability and space savings.

RELIABILITY

If downtime in your business equals disaster, the RPC OL Series UPS delivers the highest reliability among backup power equipment suppliers through robust technology designed to deliver continuous power in the most demanding environments.

RPC OL UPS is a complete power protection solution that helps to achieve maximum optimization of the infrastructure around design, operating and management proficiencies while maintaining or improving availability.

Benefits to the customer include excellent output voltage control, dynamic inverter response, and minimal voltage distortion during full load steps without the DC source. These characteristics maximize the performance of the UPS and increase the overall reliability of components and the system.



Online UPS Block Diagram

Technical Specifications for Online UPS

1KVA TO 20KVA

MODEL	1KVA	2KVA	3KVA	5KVA	7.5KVA	10KVA	15KVA	20KVA
	OL-1000	OL-2000	OL-3000	OL-5000	OL-7500	OL-10K	OL-15K	OL-20K
UPS Technology	MOSFET / IGBT Based DSP Technology							
INPUT								
Voltage Range	150 - 270V AC					352- 484V 3Ph (-20%, +10%)		
Frequency (Hz)	50 Hz, +/- 3 Hz							
Power Factor	≥ 0.99							
OUTPUT								
Voltage	220V / 230V / 240V AC (Optional)							
Voltage Regulation	±1%							
Frequency Range	50 Hz, +/- (0.2)Hz							
Total Harmonic Distortion	< 4% for Linear load & 5% for Non-linear load					< 3% for Linear load & 5% for Non-linear load		
Crest Factor	3:1							
Waveform	Sine Wave							
Transfer time (ms)	0							
Load PF	0.7/0.8/0.9/1.0(optional)							
Efficiency	≥ 90%				≥ 92%			
Overload Capacity	With stand for 10 minutes at 110% and With stand for 5 minutes at 120%							
Duty Cycle	Continuous							
Cooling	Forced air cooling							
Isolation Transformer	Optional							
BATTERY								
Battery Type	External							
Battery Voltage	36V	72/84/96V		192/240V		192-360V (Settable)		
SYSTEM FEATURES								
Protections	Input, Output— Low, High, Battery low Voltage, high voltage, Battery - MCB/Fuse, Over load, Short circuit Transient surge							
Controls	Manual By-pass Switch and static bypass switch (Optional)							
Power sockets	3 Nos. of 5A Sockets				1 No.32 Amps. Capacity Terminal Block			
Trip Conditions	Over load, output high, output low voltage, Short Circuit							
Indications	Mains ON, Inverter ON, Battery Low, Overload, Trip							
Alarms (Audio)	For extreme battery low voltage.							
Meters	AC O/P Voltage, O/P current, I/P Voltage, I/P Current, Battery Voltage, Battery Current, Battery level, Frequency, Load in Watts							
COMMUNICATION								
Features	RS232 Interface Power Monitoring, SNMP Card, Diesel Generator Compatibility, Emergency Switch off (optional)							
ENVIRONMENTAL								
Temperature								
Operating:	0~ 45° C							
Storage:	-10° C ~ 55° C							
Humidity / Altitude	0~95% RH Non-condensing/< 1500 M							
Noise	Low Audible Noise Level							
STANDARDS								
Certifications	ISO 9001, ISO 14001, BIS							

* Due to the continuous development and updation, the content or product specifications are subject to change without any prior notice

RPC Highly Reliable And Efficient Products are Backed by A Highly Responsive and Dependable Field and Factory Services

Your business runs around the clock, and so does JRC. With 24x7 technical support coverage, including weekends and holidays, The Technical Support team at JRC is dedicated to protecting your investments.

With factory trained engineers positioned throughout the India, rapid response times can significantly reduce downtime and loss of revenue.

Highly skilled Technical Support representatives are available to troubleshoot by phone and, If necessary, Can dispatch the expert Service engineer to your site.



50+ Service Personnel



Spare Parts Operations



Wide Repair Network

SERVICES

- ◆ Start-up / Installation
- ◆ Factory and On-site Testing
- ◆ Preventive Maintenance
- ◆ Extended Warranty

Please call for
Technical Support

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