

ONLINE UPS SERIES



Advanced Power Protection For:



- IT and Networking
- Servers
- Telecommunications
- Banking
- Security systems
- Healthcare
- Automation Systems

Features:

- True Online Double Conversion with DSP Controlled Sine Wave
- IGBT, Both Inverter & Rectifier
- Optimization Battery Group
- High Input / Output Power Factor
- Wide Input Voltage Range
- Wide Input Frequency Range
- Generator Compatibility
- Static Bypass
- Auto and Cold Start Function
- Isolation Transformer Compatible



jrtechlabs
pvt. ltd.

Technical - Specifications

1 KVA TO 20 KVA								
Model	1KVA	2KVA	3KVA	5KVA	7.5KVA	10KVA	15KVA	20KVA
	OL-1000	OL-2000	OL-3000	OL-5000	OL-7500	OL-10K	OL15K	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 and 5% for non linear load					< 3% for Linear load and 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		192V/240V		240/288/360V		
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



G4,Royal Tower,A-20,1st Cross (West),Thillainagar,
Tiruchirappalli-620018 Tamilnadu,India
Phone:0431-275 12 12,275 00 75

#32/C, Vaidhyaraman Street,T.Nagar,
Chennai-600 017 Tamilnadu,India
Phone:044-2432 6422

www.jrtechlabs.com

sales@jrtechlabs.com