



Power Solutions

# Line Interactive UPS



## LINE INTERACTIVE UPS

Line Interactive UPS with AVR and PWM technology for computers suitable for single phase AC input voltage range 160V to 280V,  $50 \pm 3$  Hz and single phase AC output voltage  $230V \pm 9\%$ ,  $50 \pm 0.5$  Hz in AC mode. It shall be housed in rugged enclosure made of M.S. sheet of 1 mm (minimum) thick aesthetically finished, duly pretreated and powder coated or ABS body.

## TECHNICAL SPECIFICATIONS

Item	Line Interactive UPS with inbuilt battery							
Rating	600 VA	800 VA	800 VA	800 VA	1000 VA	1000 VA	1000 VA	2000 VA
VAH Capacity	84 VAH	168 VAH	216 VAH	400 VAH	168 VAH	216 VAH	400 VAH	504 VAH
Backup Time	or any VAH capacity as per requirement							
Model	PP-06-1	PP-08-1	PP-08-2	PP-08-3	PP-10-1	PP-10-2	PP-10-3	PP-2KLI
General	UPS shall be free from workmanship defects, sharp edges, nicks, scratches, burs, etc. All fasteners shall be fixed properly. The equipment shall be complete with all parts and all parts shall be functional.							
Enclosures	Enclosures shall conform to protection requirement of IP 21 to IS/IEC : 60947-1/2007							
Switching Device	MOSFET or IGBT							
Switching Frequency	>50 Hz							
Switching Over Time	10 mS (from AC mains to UPS mode on power failure)							
Input	140 to 290V, 50 ± 3 Hz, Single Phase AC							
Output	<ul style="list-style-type: none"> <li>AVR output voltage in AC mode: 230 Volts ± 10%, 50 ± 1 Hz.</li> <li>UPS output voltage in battery mode : 230 Volts ± 10%, 50Hz ± 1Hz at Load power factor of not less than 0.6/0.7 lag.</li> </ul>							
THD (Total Harmonics Distortion)	< ± 5% at full load							
Waveform Type	Quasi Sine wave/Pure Sine Wave							
Efficiency	80%							
Output Voltage Regulation	Total variation of voltage from no load to full load shall not exceed 10% and at no point the output voltage should go beyond the permissible and of 230 Volts ± 10%							
Output Type	4 Nos. of 5 Pin Indian Socket							
Degree of Protection	IP20/IP21							
Overload	UPS shall withstand 10% overload for at least 10 minutes in mains mode							
Environmental	<ul style="list-style-type: none"> <li>Operating Temperature : 0 to 40° C</li> <li>Humidity :0-95% non –Condensing at 40°C</li> </ul>							
Protections	<ul style="list-style-type: none"> <li>If input voltage goes outside the range 145 to 295 Volts, the system shall switch over to battery mode.</li> <li>Over load trip under Mains/Battery mode</li> <li>Short Circuit Trip-under Mains/Battery mode</li> <li>Protection against over discharge: The load shall cut-offs as soon as voltage of battery terminals falls below 10.5 V for 12 V and 21 V for 24 V battery system</li> </ul>							
Alarms	<ul style="list-style-type: none"> <li>On Battery</li> <li>Low Battery</li> </ul>							
LCD display	<ul style="list-style-type: none"> <li>Online</li> <li>On Battery</li> </ul>							
Indicators and Alarms	<ul style="list-style-type: none"> <li>Mains ON</li> <li>On Battery</li> <li>Battery Low</li> <li>Fault</li> <li>Overload</li> </ul>							
Battery Type	12 Volts SMF VRLA /Tubular as per JISC : 8702/1998 , In-built Battery							
Cold Start Facility	Provided							
Generator Compatibility	Provided (for Clean uninterrupted power when Generator is used.)							
Transfer Time	Typical 4-8ms							
Recharge Time	6-8 Hrs. to 90% after complete discharge							
Approvals & Certifications	<ul style="list-style-type: none"> <li>CE Compliant</li> <li>ISO 9001</li> <li>ISO 14001</li> <li>OHSAS, RoHS</li> <li>BIS Certificate</li> </ul>							

\*In the interest of continuous product improvement, all specifications are subject to change without notice.

**RS Power Systems Pvt. Ltd.**

Unit -1: H1-85, RIICO Industrial Area, Mansarovar, Jaipur 302020. Tel: +91 141 239 6550, 239 6543

Unit -2: Plot No. 420, GAT No. 255/A, Jyotiba Nagar Road, Talawade, Village Talawade, Tehsil Haveli, Distt. Pune – 412101

rspower@rspowerindia.com | www.rspowerindia.com