



PPLI Series 1-1 Phase Line Interactive UPS 400VA-3000VA



About the PPLI Series

Perpetual Power presents the PPLI Series Line-Interactive UPS, a high-performance, fully digital uninterruptible power supply powered by advanced microprocessor control technology. The system employs a reliable line-interactive topology with intelligent voltage regulation, while its DC/AC converter adopts advanced SPWM technology for efficient and stable power output.

Key Features – PPLI Series UPS

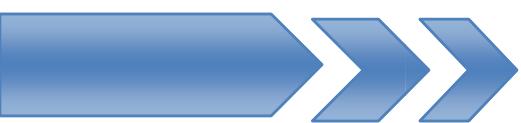
- Reliability and Safety Protection
- Microprocessor – Based Digital Control
- Display selectable LED or LCD
- Power On self test.
- Boost and Buck AVR for voltage stabilization.
- Power Supply Mode: 1-phase in/1-phase out.

Benchmark Design: PPLI Series

The PPLI Series is a pedometrical benchmark-designed power system, built to adapt seamlessly to a wide range of environments. With a selectable LED display, user-friendly interface, and multi-function keys, it ensures easy operation and real-time system monitoring. Designed with plug-and-play functionality, the system supports advanced multi-platform communication for enhanced connectivity and remote management. Its optimized thermal design includes strategically placed air vents on the front and side panels, ensuring efficient cooling and long-term performance.



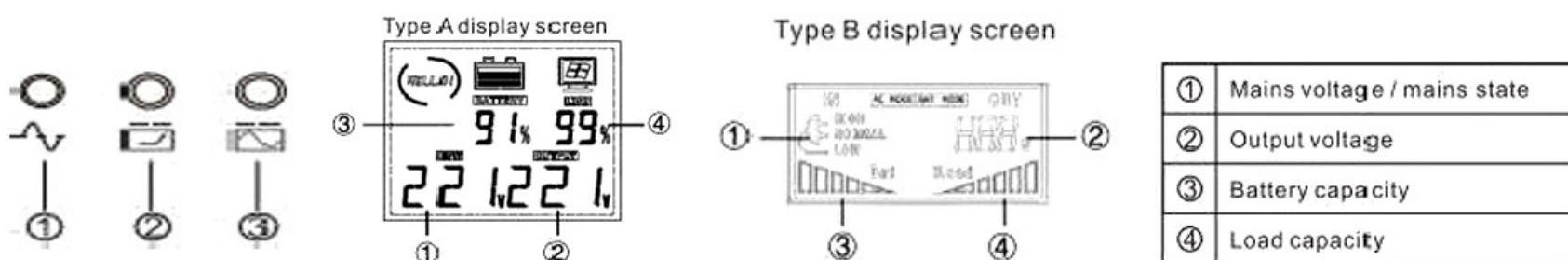
Microprocessor-based
digital control



LED Display Screen Indicators – PPLI Series

The PPLI Series UPS features a clear and intuitive LED display screen with status indicators to keep users informed of operating conditions at a glance:

- Online (Green): Illuminates when the UPS is supplying utility (mains) power to the connected equipment.
- Battery Charge (Yellow):
 - Flashes during the battery charging process
 - Steady light when the battery is fully charged and ready
- On Battery (Red): Lights up when the UPS is supplying power from the battery (e.g., during a utility failure or outage)



Tremendous Benefits of Using Perpetual Power UPS

There are numerous compelling benefits to deploying a Perpetual Power UPS system. First and foremost, our UPS units provide critical protection against utility power failures, helping to safeguard sensitive equipment—such as computers, servers, and networking gear—from potential damage caused by power interruptions, surges, and fluctuations. In today's world, where power-related damages are increasing at an alarming rate, having a reliable backup solution is essential. Perpetual Power UPS offers an exceptional combination of affordability and quality, making it one of the most cost-effective and dependable power protection solutions on the market.

Rear Panel Overview – PPLI Series

1. Output Outlets (Selectable) multiple selectable output sockets for connecting critical equipment.
2. TEL/Modem/Fax Surge Protection (Optional) Protects communication lines from voltage surges, ensuring safe operation of telecom equipment.
3. USB Communication Port (Optional) Enables communication with a PC for monitoring, automatic shutdown, and power management.
4. AC Input Power input connection for utility supply.
5. AC Breaker Built-in circuit breaker for overload and short-circuit protection.
6. Cooling Fan Ensures efficient heat dissipation and maintains optimal operating temperature.



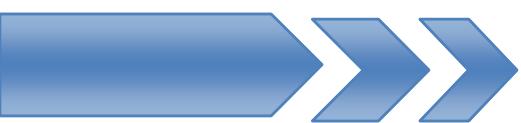
Technical Specifications

Model	PPLI 400	PPLI 600	PPLI 800	PPLI 1200	PPLI 1500	PPLI 2000	PPLI 3000				
Rating Capacity	400 VA	600 VA	800 VA	1200 VA	1500 VA	2000 VA	3000 VA				
Load Capacity	240 W	360 W	480 W	720 W	900 W	1200 W	1800 W				
INPUT											
Phase	Single										
Rated Voltage	110V / 120V 80~150 VAC 220V / 230V / 240V 162~295 VAC (145~295 VAC Optional)										
Voltage Range	145~295 VAC Typical										
Frequency Rate	50Hz / 60Hz										
Frequency Range	40Hz - 70Hz (Auto-Sensing)										
OUTPUT											
Phase	Single										
Voltage Range	220 / 230 / 240 VAC ± 10%										
Voltage Regulation	± 10% (Typical)										
Frequency-Synchronized Range	50Hz~60Hz ± 1% (Auto Sensing)										
Transfer Time	Typical 8 ms, 10 ms Max										
BATTERIES											
Features	Inbuilt Battery										
Type	VRLA AGM Sealed Lead Acid Maintenance Free Battery										
Capacity	4.5AH	7AH	7AH / 9AH	7AH / 9AH	7AH / 9AH	7AH / 9AH	7AH / 9AH				
Number of Batteries	1Pc			2 Pcs			4 Pcs				
DC Voltage	12 VDC			24 VDC			48 VDC				
Charging Output VDC	13.5 / ± 0.6 / Pcs										
ECO	10.5VDC / Pcs										
Typical Recharge Time	6~8 h										
SYSTEM											
Designed	Double Benchmark-Power System										
Power Cable	1.2 Meters*										
Quality/Security	ISO9001:2015, ISO14001:2015, ISO 27001:2013, ISO45001:2018, ROHS										
DISPLAY CONTROL											
Display	LED										
LED Display Screen-Optional	Online (Green), Battery Charge (Yellow), On Battery (Red) Variable										
Control Technology	Micro Processor										
MANAGEMENT-CONTROL AND COMMUNICATION											
Output Terminal	IS Type D (3Pin) Grounded and (Type G.M.N.O. for International Market Standard)										
Output Socket	3	3 / 4*	6	8							
ENVIRONMENT											
Operating Humidity	20~95% RH @ 0 - 45°C (Non-Condensing)										
Storage Temperature	- 25°C - 55°C (Exclude Batteries)										
Noise Level	≤ 45 dB (1 M)										
PHYSICAL											
Dimensions (mm) (WxDxH)	100 x 200 x 142	100 x 280 x 142	136 x 382 x 186	157 x 452 x 211							
Packaged Dimensions (mm) (WxDxH)	139 x 242 x 142	139 x 325 x 210	185 x 374 x 269	238 x 536 x 295							
Net Weight (Kg)	3.3	4.2	4.9	8.8	9.4	10.2	19.3				
Gross Weight (Kg)	3.5	4.7	5.3	9.4	10	10.8	20.6				

**Accuracy weight ± 200gm

**Accuracy Dimension ± 20mm

- Specifications are subject to change without notice.
- Due to regular upgrade on picture and actual product may vary
- Custom-made specifications are acceptable.



PERPETUAL POWER®

Where Technologies Matters

Our Clients



Hindustan Aeronautics Limited



National Institute of Animal Biotechnology



भारतीय विमानस्थल प्रशिक्षण
AIRPORTS AUTHORITY OF INDIA



Airports Authority of India



AIRPORTS AUTHORITY OF INDIA



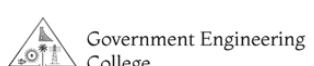
AirForce Station
Bidar (India)

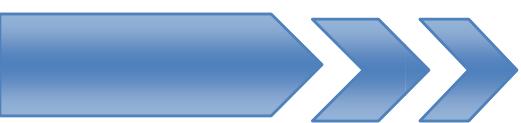


Acharya N.G Ranga Agricultural University



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