



UPL-1KVA



Reliable Power,
Effortless Connectivity,
Your Uninterrupted Partner

UPL-1KVA Lithium-Ion UPS.

1-KVA True Online Double Conversion PWM

Features

1KVA Capacity: Robust 1000VA power for uninterrupted performance

Voltage: 230 VAC Single-Phase

Enhanced Lifespan: 7-Year Battery

Life Expectancy

High Power Density

Lithium-Ion batteries deliver more energy in less space.

Provides increased power where needed and longer backup times for critical loads.

Safe and Reliable

Utilizes LiFePO₄ battery chemistry.

Integrated battery management system ensures safety and reliability.

Heat Tolerant

LiFePO₄ outperforms VRLA in high-temperature environments.

Longer Life Span

Up to 7-year battery life.

Supports 10x more discharge cycles compared to VRLA.

Environmentally Friendly

Requires less energy for transport, operation, and maintenance.

Benefits



Model	UPL-1 K V A
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KVA	1
Output Power Capacity	1000 VA
Technology	True Online Double Conversion PWM Technology using IGBTs

AC INPUT	
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Input voltage	Single Phase, 230 V AC
Input Frequency	45 - 55 Hz
Input Power factor	>85%

DC CHARGER	
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Battery Voltage	*Customizable
Rectifier	IGBT-based PFC Type*

AC OUTPUT	
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Output voltage	230 VAC
Output Frequency	50 Hz + 0.25 Hz (free running); + 2 Hz (sync mode)
Output Power factor	+ 1% on mains / batteries
Output waveform	Waveform; Pure Sine wave
Overload Capacity	125 % for 5 Minutes, 110% for 10 Minutes
Inverter Efficiency	85 % - 90 % Depending on DC voltages

INDICATIONS & ALARMS	
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Indications	Mains on, Inverter On, Battery Low, Over Load, Output Under Voltage, Output Over Voltage, DC Over Voltage
Audible Alarm	Intermittent beep for 30 sec. On mains fail. Battery low pre-alarm at 80 % of Battery discharge. Intermittent Beep for all other Trip Conditions

PROTECTIONS	
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Protections	Electronic Output Overload Sensing, Output short circuit, Circuit Breaker Production, Battery low trip, DC over voltage, Output under voltage / over voltage.
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ADDITIONAL FEATURES	
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Communication*	GSM Modem for SMS Alerts to user and service center for any Fault condition PC Interface (SNMP) to display UPS Data on the user PC and Safe Shutdown facility
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GENERAL	
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Bypass Facility	Manual / Static Bypass Switch*
Audible Noise	Less Than 50 dB at 1 meter
Design ambient	0-50° C
Relative Humidity	Max. 95 % Non Condensing
Enclosure	M.S. Powder coated with castor wheels.
Certification	CE, FCC, ROHS