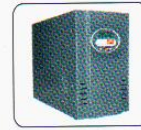


**The emerging leader
in power conditioning**



Alpha Power Solutions

Bangalore Mysore Davangere Mangalore Udupi

UPS, Inverters, Stabilisers, Batteries & More...



● Specifications & Features - Alpha Online UPS

Product	Alpha Online UPS		
Capacity	1 - 7.5 KVA	5 - 40 KVA	5 - 100 KVA
Technology	MOSFET - PWM	IGBT - PWM	
Input	Single Phase	Three Phase	
Voltage & Frequency	230VAC \pm 20% 50Hz \pm 5%	415VAC \pm 25% 50Hz \pm 5%	
Output	Single Phase	Single Phase	Three Phase
Voltage & Frequency	230VAC \pm 1% 50Hz \pm 1%	400 VAC \pm 1% 50Hz \pm 1%	
Static Voltage Regulation	\pm 6% for 50% Step Load Change		
Dynamic Voltage Regulation	\pm 1% of Nominal for all Variations of Line Load & \pm 10% for 10-100% Step Load Change		
Total Harmonic Distortion	Linear Load \leq 2.5% & Non - Linera Load \geq 5%		
Over Load	125% for 10 Minutes & 150% for 1 Minute		
Crest Factor	1:4		
Waveform	Pure Sine Wave		
Power Factor	0.8		
Efficiency	80 - 92%		
Battery			
Type	External Tubular / Valve Regulated Lead -Acid		
Nominal Float Voltage	48/72/120VDC	120/192/240/360VDC	
Recharge Time	8 - 12 Hours		
Features			
Standard	Overload Reset & Front Panel LCD Panel		
Optional	Spike & Surge Suppressor, Inverter Bypass & Software Control		
Protection			
Charger	Voltage & Current Limiter, Phase Sequence & Failure Protector & Fuse / Circuit Breaker		
Inverter	Over Voltage & Current Cut-off, Overload Cut-off & Short Circuite Protector		
Battery	Battery Deep Discharge & Overcharge Cut-off & HRC Fuse / Circuit Breaker		
Indication			
Visual	Mains, Charger, Inverter, Battery & Error Information Status		
Audible	Changeover, Overload, Battery Low & Other Error Alerts		
Environment			
Altitude	0-2000m		
Temperature	0-40°C		
Humidity	95% Non Condensing		
Noise	< 60dB		



On Line UPS with PFC

Alpha Online UPS are aesthetically built compact units with state of the art technology. The systems are designed to withstand harsh Indian power and environment conditions, and are specially configured for mission critical business and industrial applications. No wonder, Alpha Online UPS are preferred by government and non-governmental organisations, local, regional, national and multinational companies.

Features :

- Galvanic isolation transformer
 - ◆ Isolates load from power problems
- Active power factor correction (PFC) system
 - ◆ Saves up to 25% in electricity bills
- High quality components
 - ◆ Lasts long with minimal maintenance

Applications :

- Computer Systems : Servers & Workstations
- Telecommunication, Networking & Broadcasting Equipment
- Entertainment, Surveillance & Security Systems
- Aerospace, Defence, Medical, Printing & Research Equipment
- Industrial Process Control & Automation Systems.

Note : Features & specifications are subject to change due to continuous improvements.

Specifications & Features - Alpha Offline UPS & Inverters

Product	Alpha Offline UPS		Alpha Inverter
Capacity	0.6 - 7.5 KVA	0.6 - 7.5 KVA	10-60 KVA
Technology	MOSFET - PWM	MOSFET / IGPBT - PWM	
Input	Single Phase		Three Phase
Voltage & Frequency	230VAC \pm 20% 50 Hz \pm 5%		415VAC \pm 25% 50 Hz \pm 5%
Output	Single Phase		Three Phase
Voltage & Frequency	230VAC \pm 5% 50 Hz \pm 1%		400 VAC \pm 5% 50Hz \pm 1%
Waveform	Quasi Sine Wave	Pure Sine Wave	
Power Factor	0.8		
Efficiency	> 80%		
Battery			
Type	External Tubular / Valve Regulated Lead -Acid		
Nominal Float Voltage	12/24/36/48/72VDC		192/240/360VDC
Recharge Time	8 - 12 Hours		
Features			
Standard	Overload Reset & Front Panel LCD Panel		
Optional	Spike & Surge Suppressor, Inverter Bypass & Software Control		
Protection			
Charger	Voltage & Current Limiter, Phase Sequence & Failure Protector & Fuse / Circuit Breaker		
Inverter	Over Voltage & Current Cut-off, Overload Cut-off & Short Circuit Protector		
Battery	Battery Deep Discharge & Overcharge Cut-off & HRC Fuse / Circuit Breaker		
Indication			
Visual	Mains, Charger, Inverter, Battery & Error Information Status		
Audible	Changeover, Overload, Battery Low & Other Error Alerts		
Environment			
Altitude	0-2000m		
Temperature	0-40°C		
Humidity	95% Non Condensing		
Noise	< 60dB		



Alpha Offline UPS and Inverters are rugged, refined and reliable. The UPS are designed for general use to support varied loads from lights to computers, and the Inverters are built for special applications to handle equipment with motors and compressors. The systems are easy to operate by layment and work efficiently in Indian residences and offices. These features make Alpha Offline UPS and Inverters popular throughout India fulfilling the needs of many homes and businesses.

Features :

- Digital signal processor (DSP) with intelligent sensors
 - ◆ Automatic system management
- Sine wave output with advanced protection circuit
 - ◆ Clean power for safe operations
- Liquid crystal display (LCD) with digital buzzer
 - ◆ Realtime status information

UPS Applications :

- Computer Systems (Desktop & Laptop) & Peripherals (MFP, Modem & Router)
- Home Entertainment Systems (TV, Media Player, Home Theatre & Video Game)
- Lights (Incandescent, Fluorescent, HID & LED) & Fans (Cooling & Exhaust)

Inverter Applications :

- Pump Systems (Water & Fuel) & Motor Equipment
- Building Transportation Systems (Elevator/Lift, Escalator & Conveyor)
- HVAC Systems (Air Conditioner, Refrigerator & Freezer) & Compressor Equipment

Note : Features & specifications are subject to change due to continuous improvements.

Alpha Power Solutions is the emerging leader in power conditioning solutions. The company, under the brand Alpha, strives to provide the very best in terms of design, technology and service. Alpha captures the market through innovative product and service development, strategic partnerships and successful business models. The company is also an original equipment manufacturer (OEM) for many leading companies and organisations, and a destination for new product research and development (R&D) right from functional prototypes to final products.

A wide range of UPS, Inverters, Stabilisers and Batteries are available, to protect valuable and critical power equipment from power problems like spikes, surges, brownouts and blackouts. Further, every product is backed by excellent service, available at convenient hours. The entire range of products and services is delivered through a professional network of distributors, dealers, logistics and service partners.

Brand Alpha gives the power to innovate! - A complete and reliable set of power conditioning solutions, suitable for Indian power and environment conditions.

Power to Innovate!

Brand Alpha is also involved with renewable energy and sustainable development solutions. Upcoming products include :

Products

- UPS - Offline & Online
- Inverter - Sine Wave
- Stabiliser - Servo & Automatic
- Battery - Tubular & VRLA
- Other - Power Strip, Battery Rack & Trolley

Specials

- Solar & Wind Power UPS & Inverters
 - Photovoltaic (PV) Systems & Wind Turbines
 - Battery Chargers & Equalisers
 - LED Lights & Control Systems
 - DC Lights & Fans
- (for use with Solar & Wind Power Equipment)

Services

- Consultation - Power & Energy
- Contract - Maintenance & Service
- Custom - Manufacturing & Branding
- Network - Marketing & Sales
- Other - Repair & Reconditioning



Contact us for more information on our products and Services

Certifications :

We are Certified by the test labs like



2) Recognitions



Alpha Power Solutions

UPS, Inverters, Stabilisers & Batteries

Sales & Service Network

BANGALORE, BAGALKOT, BELGAUM, BELLARY, BIDAR, BIJAPUR, CHAMARAJANAGAR, CHICKMAGALUR, CHIKKABALLAPUR, CHITRADURGA
 DAVANGERE, DHARWAD, GADAG, GULBARGA, HASSAN, HAYERI, KARWAR, KOLAR, KOPPAL, MADIKERI, MANDYA
 MANGALORE, MYSORE, RAICHUR, RAMANAGAR, SHIMOGA, TUMKUR, UDUPI, YADGIR

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