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ETDC/
CPRI
TESTED

The Complete Power Solution...



COSMIC[®]
www.cosmicenergy.in



- ▶ Eco Friendly
- ▶ Energy Saver
- ▶ Reliable
- ▶ Economical
- ▶ Life time Support



COSMIC MICRO SYSTEMS PRIVATE LIMITED
Bengaluru

REACH US.

98800 15550

sales@cosmicups.net
www.cosmicenergy.in

Technical Specification

DESCRIPTION	ON-LINE UPS	WHY COSMIC ONLINE UPS
TECHNOLOGY	Advanced PWM with high frequency switching DSP, Transformer based double conversion, Isolated output	“Award Winner”, Team Cosmic has been awarded by Soft disk Media with ‘A’++ Rating for Customer Satisfaction.
CAPACITY	3 KVA - 200 KVA (1Ph -1Ph) (3Ph -1Ph) (3Ph -3Ph)	
INPUT		Eco Friendly and Energy efficient. We use High end IGBT Technology for both Charger and Inverter side (Input and Output). Saves huge amount of electricity on conversion from AC to AC.
Voltage	160V - 280V AC for 1Ph / 280V - 485V AC for 3Ph	
Frequency	50Hz ±5Hz	
Power Factor	≥ 0.99	
OUTPUT		
Voltage	225V / 415 V AC	
Frequency	50Hz± 0.1 Hz	
Regulation	225V / 415V ±1%	
Wave Form	Pure Sine Wave	
Power Factor	0.8 to 1 Lagging	
Distortion	≤2%with linear load; ≤ 5% with non linear load	Saves Money and Energy. Cosmic Online UPS is very economical and running cost is low. It saves money month after month and throughout the lifespan.
Inverter	By Using IGBT Devices	
Load Crest Factor	Upto 3:1	
Noise Level	less then 40 db	
Withstanding Capacity	150% Over Load for 60 secs	
Type of Cooling	Forced Air Cooling	
Type of Charging	Boost Cum Trickle (by using IGBT Devices)	
Efficiency	Better than 95% on Inverter, Above 92% as overall	
TRANSFER TIME	Nil	
PROTECTIONS		
Input	Over Voltage / Under Voltage / Spikes / Surges	
Battery	Over Charge / Low Voltage (Deep Discharge)	
Output	Over Voltage / Under Voltage / Over load / Short Circuit	
INDICATIONS	Mains on / Inv. on / Inv. Trip / Batt. Low / Inv. U/V - O/V Trip	
ALARMS	Battery Low / Mains Failure	
LCD DISPLAY PARAMETERS	Input Volt / Output Volt / Output Current / Output Frequency	
	Battery Volt / Battery Current	
BATTERY	Lead Acid - Inverter / Tubular / SMF	
Battery Voltage	48 V - 360 VDC	
Recharging Time	8 to 10 Hrs.	‘Cosmic’ believes that Teamwork can achieve larger goals in the market. With that we can contribute towards Social activity and towards the next generation growth
Back Up Provisions	10 Min. to 24 Hrs.	
OPTIONAL FEATURES	Static Switch / Hot Standby / SNMP / Unity Power Factor	
		Team Cosmic leaders are accessible to Customers all the time.

COSMIC Products

ONLINE UPS GROUP



3KVA to 15KVA 1ph-1ph
6KVA to 60KVA 3ph-1ph
6KVA to 200KVA 3ph-3ph

SERVO STABILIZER



Cosmic Servo Voltage Stabilizer is an effective solution for the voltage fluctuation. It full fills the need of an interface between an unregulated power supply and sophisticated equipments. These are available in various ranges both in Single phase and Three phase and designed to give a stabilized output within 1% of the preset voltage.

Capacity : 1KVA to 1000KVA

It is ideal for centralized applications in any industry to protect all the machineries and equipments which are under complete voltage control.

SOLAR LIGHTING SYSTEMS

Cosmic Solar Lighting is designed for the purpose of illuminating lights by accessing solar power. The Sun is a vital source of energy. Life on earth is completely dependent on only a part of the sun's total energy. Renewable energy from the sun is abundant, clean, silent, inexhaustible and moreover in this expensive world, it is free.

Capacity : 600VA to 100KVA

Solar lighting system is ideal for portable, domestic, public lighting and in areas where grid power is unavailable.



FULLY AUTOMATIC REVERSE OSMOSIS (RO) WATER PURIFIER



Cosmic R O Water Purifier is designed to provide pure, safe, clean, odour free, sparkling fresh, refreshing water through the Reverse Osmosis Technology.

Capacity : 10LPH to 20000LPH

Cosmic R O Water Purifier is ideal for home, hospitals, hotels, institutions, etc

“ SAVING ONE UNIT OF ENERGY IS EQUIVALENT TO GENERATING TWO UNITS OF ENERGY ”

COMPANY at A GLANCE !!!

About Us

M/s. Cosmic Micro Systems Pvt. Ltd. Is registered under the Companies Act 1956 to have a clear vision to grow. Cosmic is a group of dynamic personnel having nearly two decades of experience in Power Electronics who believe that the key to success is total customer satisfaction.



International Organisation for Standardisation (ISO)

Cosmic is certified as an ISO company having systematic manufacturing & testing facility to ensure reliability, consistency & quality. Documents are maintained to ensure accountability for product quality at all stages of manufacturing.



Vision

Cosmic is to provide complete power solution to customers and to ensure value for their money. We wish to take the company to new heights to meet the current competition strictly adhering to common values and basic ethics.



Policy

Cosmic is committed to deliver Quality Products and Services consistently and enhance customer satisfaction through continual improvement.



Technology

Cosmic product employs latest, advanced and proven technology using IGBT devices. The systems are highly reliable and provide high efficiency as they are designed with low switching losses and adequate protection circuits.



Test Approvals

Products are tested by Electronic Test and Development Center (ETDC), Central Power Research Institute (CPRI) which are Central Government authorized testing laboratories for conforming the Technical Specifications.



Customer Support

Cosmic has highly trained and skilled personnel to provide a range of services from specification, to site analysis, site preparation, assistance, installation, demonstration, system maintenance, on time service to avoid regular work interruptions. Every service call is completed with a service report that details the condition of your cosmic product.



Installation Base

Cosmic is supported by more than 50,000 valuable customers who are satisfied by our service. Our list of clientele includes Software Companies, Industries, Private and Public Limited Companies, State and Central Government Organizations, Residences, etc.



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