



BEST POWER SOLUTION

Call Us: (044) 4383 1110

Website: www.mothishpowersolution.com



COMPANY OVERVIEW

Company Profile

Mothish Power Solution incorporated in the year of 1996 and is a renowned manufacturer, dealer and supplier and rental service provider of UPS, Stabilizer, battery, Transformer, Servo Stabilizer, Inverter, Automatic Power Factor Controller, etc. Headquartered in Chennai, it provides all the pre and post services with the help of its trained design engineers, electrical engineers, technicians, and other professionals across South India. The company is backed by dedicated and experienced professionals. The company is well known in this sphere for its best quality services and products. Due to the excellent services offered, Sine power is the preferred choice among the customers.

Infrastructure
The company's infrastructure plays a vital role in successful running of the company. It has a strong team of workers and several experts of UPS and Power Industry covering production, finance, R&D, quality control, marketing, selling and management supports the company.

Company Strength

The company's strength is its dedicated workforce. It is backed by experienced engineers, R&D, quality checkers, safety and structure engineers, and other workers. The company runs under solid rolling plan, which is distributed in five stages:

- ✦ R & D
- ✦ Standardization and Mass Production
- ✦ Marketing and Selling
- ✦ Financing
- ✦ Evaluation and Innovation

Company Goal

Since incorporated, the company's main goal is to offer products and services at reasonable price range without compromising on the quality and performance of the product range. The company also provides prompt and quick after sales and before sales services to its consumers.

Checking for Product quality

Mothish Power Solution products like UPS, Stabilizers, Servo Stabilizers, Inverter, Transformer, Batteries, APFC are tested by Sameer Center and ETDC, a complete center for testing equipments and development by Masters for testing of power equipments of Central Government of India.

OUR BRANDS



Online UPS System - 1 KVA - 600 KVA

Mothish Power Solution Online UPS are designed for those applications which need maximum protection in the 1KVA – 100 KVA range. With its high frequency Double conversion Online topology, providing non-stop clean sine wave power Solution less than 3% THD i.e the ideal Power Solution for networks, Web servers, Telecom application and other critical electronic equipments.

The Mothish Power Solution Online UPS Systems are the best-in-class Power Solution for maximum system availability, and peace of mind.

Industrial UPS - 5KVA to 300KVA

We provide isolation Transformer as a separate part, wherever necessary to the sensitive loads from abnormal input, which is highly increased the life of the load / equipments.

For three-phase output application, we import the basic module. Along with that we supplies other items like Bypass line equipment & Distribution board manufactured by us, Batteries procured from domestic battery vendors & integrate the system at site.



Line Interactive UPS - 600VA - 3KVA


The simplest and most cost effective way of coping with these disturbances is to install an Uninterruptible Power Supply. Acting as an interface between the mains and the loads, the UPS guarantees the continuity and the quality of electrical power supplied to the loads. In fact Mothish Power Solution UPS stabilizes the voltage perfectly eliminating all disturbances.

The Line-interactive UPS offers surge protection and battery back-up and also regulates the AC power using one converter. Based on world's most advanced Digital Signal processing technology, Mothish Power Solution Line Interactive UPS system ensures


Technical Qualification


Rating KVA	5 10 15 20 30 40 60 80 120 160
KW	4 8 12 16 24 32 48 64 96 128
Output Phase Input	Single or Three Phase
Voltage / frequency	230V / 415 V - 30% +25% / 50 hz +_6%
DC Bus Voltage	120 V to 384 V (Nominal)
Charger Type	Fully automatic float cum boost chargr / SMPS charger (Optional)
Output	230 v Single Phase / 400 v Three phase
Voltage Tolerance	1%
Rated Frequency	50 Hz +- 0.05%
Technology	High frequency PWM using IGBT
Transient Variations	Less than 5 v for 100S step load change
Transient recovery	Less than 4 milli seconds for 100% step load change
distortion recovery	Less than 2% with linear load Less than 55 with non - linear load
Crest Factor	3:1
Overload Capacity	125% for 10 minutes 150% for 1 minute
By pass	Manual / Static
Bypass Overload Capacity	150% on nominal current for 1 minute
Efficiency	95% Approx
Ambient Temp	-5 to 55o c
Colling	Forced air
Relative Humidity	20 - 90% Non - condensing
Noise level	Less than 50 db

CONTACT US

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