

# Anushri Systech Private Limited





# EPC Contractor for solar power plant

#### **ENGINEERING SUPPORT**

🔏 PV design and inverter selection

🔏 Electrical Design

🔏 Structure design

🗯 Civil design

#### **PROCUREMENT SUPPORT**

Procurement of quality Materials

#### **CONSTRUCTION SUPPORT**

🔏 Construction activities at site

Training of Operation and Maintenance Personnel

💪 Commissioning of the project

Handing over of the project to the client

## Our Offering on solar

#### FOR RESIDENTIAL CUSTOMERS

Off Grid Roof top end to end solution

Agriculture Solution

🗯 Ongrid Roof top Solar

#### FOR CLIENT

Consultancy

Prompt relevant information

Best Practices



### **VIVATEK Online UPS**

### **1PH - 1PH**



💪 ECO PULSE 1-3KVA BIB UPS

ECO G4 6-10KVA LONG BACKUP UPS

🛵 LTX SERIES 6-10KVA UPS TRANSFORMER BASED

LTX II SERIES 5-10KVA UPS TRANSFORMER BASED

### 3PH - 1PH

ECO G4 PLUS 10-20KVA HF TRANSFORMER LESS

ECO MAG E 10-30KVA LF TRANSFORMER BASED

LTX 10-50KVA LF TRANSFORMER BASED



### 3PH - 3PH



ECO MAG ML 10-120KVA LF TRANSFORMER BASED

💪 ECO MAG M PLUS 80 -500KVA LF TRANSFORMER BASED

MAG G SERIES 30-200KVA LF TRANSFORMER BASED

ECO G4 NM 40-120KVA HF TRANSFORMER LESS

MAG EP 10-800KVA LF WITH TRANSFORMER BASED

LTX 10-200KVA LF TRANSFORMER BASED

### **MODULAR**

ASCEND **10KW - 100KW** MODULAR LINE INTERACTIVE UPS

### **1PH - 1PH**

ECO QT SERIES 600 VA - 3000 VA



### **NICAD Batteries**

**Features** 



Long cycle life and storage life.



Rugged constuction to meet severe mechanical & electrical conditions.



Very low self discharge.



Wide range of operation both high temperature & low temperature.



Long shelf life.



Can with stand deep discharge up to zero volt & even reverse.



Low maintenance.



Economical cost in long run.

#### **VIVATEK BATTERIES** are available

in High, Medium and Low Discharge ranges (KPH, KPM and KPL) having wide capacity range & hence suitable for many applications

### **Application**



Fire safety alarms, medical emergency stand by ups & computer back up.



Engine starting lube oil pumps / turbines starting.



Railway diesel and electric start.



Railway rolling stock, railway metro & signal, tele communication.



Industrial petrochemical, fertilizer and cement.



Defence and Aviation.



Switch gear tripping circuit pipeline, (Oil and gas) off shore platform, remote telemetry.



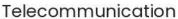
### **Lead Acid Industrial Batteries**

Our industrial segment includes sales to power backup equipment (UPS), traction equipment (forklifts, golf carts, electric vehicles), infrastructure sector (railway, telecom, solar, power generation and utilities) and exports (traction and standby).

As India's largest storage battery company with widest range of both conventional flooded as well as latest VRLA batteries, we design, manufacture, market and sell the widest range of lead acid storage batteries in the world - batteries ranging from 2.5Ah to 20,600Ah capacity - to cover the broadest spectrum of applications. We market our industrial batteries to the domestic market, under Exide, SF and CEIL brands.

### PRODUCTS & APPLICATION AREAS

Institutional UPS Batteries











Traction & motive power

**Projects** 

### **Lead Acid Solar Solutions Batteries**

The world looks forward for sustainable development and gradually opts for non-conventional energy sources like solar power, win d power, hydel power and other forms of renewable energy, Exide has come forward with a state-of-the-art range of products for photo-voltaic applications.

Having decades of experience while operating in the Indian tropical climate, Exide has manufactured its range of solar batteries with enhanced technology, which is also specially equipped to provide high cycling performance.

The power requirement of domestic and commercial consumers are increasing exponentially where the challenge is to meet the demand either through Grid or Renewable Energy Sources. While these applications are new and expanding, the shift towards expanded role for energy storage in the de-regulated electricity market becoming evident. Cost effective energy storage systems will play a significant role for utility and end-customers for an organic and sustainable solution.

Exide being the market leader in India for more than 70 years, can offer complete renewable energy solutions to meet the application demand. Our expertise coupled with the experience of our collaborators/partners can offer technologically agnostics renewable solutions with storage which will inevitably bear the trust and performance associated with Exide Brand.





**Exide Sunday** Rooftop Solar Systems



**Tubular Solar Batteries** 



Solar PV Modules



Solar Inverters

# Lead Acid IUPS Battery Range

Batteries available for IUPS system applications in the following ranges as per Technology are

#### **SEALED MAINTENANCE FREE VRLA BATTERIES**



VRLA Exide NXT Plus Range



🛵 Exide Power safe EHP Range - Battery for Data Centre



VRLA Exide Power safe plus Range

#### **FLOODED BATTERIES**



Flooded 6EL Range



Flooded 6EL plus Range



## **VIVATEK STABILIZER**

- 🔏 SP Based high speed correction
- Field programmable 3 stage TRIP and trip delay for low & high voltage and over load
- Very wide input voltage range & excellent output stability
- Low losses and minimal heat dissipation due to an efficiency of over 98% of full load
- Event logging, details of last trip is captured and stored in EEPROM
- A Field programmable servo parameters and are stored in NV memory
- Power consumption is below 0.5 to 1.5% depending upon the input voltage range
- 🟂 Suitable for 100% duty cycle
- 🗯 No waveform Distortion No harmonics added
- A High overload / inrush rating
- //>
  Immune to load PF & supply frequency variations
- 🟂 Easy & Simple maintenance, high reliability



### **INVERTERS**

### **Features**

🟂 Guarantee longer life and higher power output.

🔏 Higher backups.

🔏 Minimal plate failures.

Ability to withstand long and frequent power outages.

LUMINOUS

LUMINOUS

🟂 Ability to recover from deep discharge.

Require lesser topping-up frequency.

🔏 Have better thermal management.

### **Application**

Inverters can be used as an UPS-Uninterruptible power supplies

These can be used as standalone inverters

These can be used in solar power systems

An inverter is the basic building block of an SMPS- switched mode power supply.

These can be used in Centrifugal fans, pumps, mixers, extruders, test stands. conveyors, metering pumps. and Web-handling equipment.



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