

We Are Your Power Partner

Increased reliability with complied standards for lasting performance



VEE POWER
Solutions (Pvt) Ltd

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AN ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 & DEKRA CERTIFIED COMPANY

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We build to sustain





Introduction

VEE POWER Solutions (Pvt) Ltd is a Leading power distribution panel manufacturing company equipped with modern sophisticated industrial machines providing total power solutions and intelligent panel board solutions along with competent and well experienced technical team.

Why VEE POWER?

- Customized design features according to available space & required technical features.
- Fastest manufacturing facility with the help of CNC technology.
- Fully tested switch gears & other materials.
- Type tested certificate - Europe
- Value engineering service at free of charge.
- Backed by fully pledged, qualified R&D team.
- Our QA/QC procedures are assured the durability of the enclosuer even at harsh weather conditions.

"WE ARE YOUR PARTNER OF ELECTRICAL PAWER PANEL IN SRI LANKA"

CERTIFICATES



ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 & DEKRA Certified Company

HOW WE CREATE VALUES TO THE CLIENT



BUSINESS RELATIONSHIPS

Sustain partnership with suppliers & understanding client requirement make comfortable business relationship for our clients & their stakeholders.



GLOBAL STANDARDS

Meeting IEC requirement & international standards brings the compatibility & technical comfortness of the products.



PROFITABILITY

Accuracy & value engineering help to go for profitable and optimum design concerning client's business context.

How Does VEE POWER Create Values



SPEED & ACCURACY

Reducing the errors, continues production improvement & TQM policy brings meeting of the delivery & accuracy of the client expectation.



PRODUCT VISIBILITY

Client will be able observe the functional, technical & commercial features of the Vee power product prior to the commercial confirmation.



FLEXIBILITY

VEE power design team always flexible to provide rather improved solution which will leverage existing system.

While experiencing the 13th year in existence and continuing to grow locally and internationally SAW engineering has come a long way and today covers all 9 provinces of Sri Lanka with its Electrical Engineering, Civil Engineering, Telecommunication, Panel Board Manufacturing, Water and Wastewater Management and other related services. While moving forward with a firm determination, the company has grasped the significance of the 21st century being a brave new world of information technology.

We are ISO 9001:2015, graded company with foreign projects in Myanmar, Bangladesh, Maldives, India and Singapore. SAW constantly seek to drive new technological, eco-friendly innovations to protect the environment which is one of our foremost responsibilities. As a team we believe that is our prime duty to ensure the future generations will inherit this irreplaceable mother earth with its beauty intact and also to contribute towards current societal needs through our CSR projects.

OUR CAPABILITIES

SAW group has gathered valuable experience in every sector in MEP, Civil Construction (Design & Build), Water & Waste Water. Every process & projects are backed by set of competent teams within the group. These groups involve with experienced engineers, project managers, operational managers & financial experts. Finally all the values have being harnessed towards the value addition of the products & services provided by the VEE Power.

We take every panel boards manufacturing process as a project, considering power, space & nature of client's business. Each panel is designed after receiving the inquiry along above parameters. Design is blended with experience of expert team.

Advantage of quality is embedded with the panels without compromising the price/material/ design. Supply chain is backed by larger network around the world ensuring quality of raw materials, prompt delivery & value addition.

EHS Policy is a core activity of the group concerning sustainability of lives & environment.

LOCAL / FOREIGN FOOT PRINT

SAW Group is engaging with several countries around the world dealing not only with engineering but also in trading of commodities etc.

In the field of engineering there are two objectives operating those namely trading & projects in the respective countries.





INDUSTRIES

Comprehensive standard product range for different applications in many environments involving engineering aspects with modern facility.

- Manufacturing & Processing Industry
- Commercial Buildings (Hotels, Banks, Hospitals, Office & Shopping Complexes)
- Luxury Housing
- Civil Construction Industry
- Marine & Aviation Industry
- Telecommunication Sector
- Water and irrigation Industry
- Apparel Industry
- Automation Sector
- Data Centres
- Power Generation
- Food Processing Industry

with

- Professional Engineering Staff
- Latest High-tech Machineries and Tools
- Assembling with World Renowned Switchgear Brands and Accessories

Standards

- VEE power electrical panel boards are design and manufacture as per the IEC 61439 Standard (International electro technical commission standard)
- Dekra Certification

Panel Solutions

VEE Power offers a wide range of customized panels and control panels

Busbar Panels

Power Panels

- Main distribution board / MSB
- Sub Distribution Board
- Raw Power DB
- Lighting DB
- Capacitor Banks

Control Panels

- ATS Panels
- Synchronous Panels
- Motor Control Panels
- BMS Control Panels
- Industrial Automation Panels (PLC / HMI/ SCADA)

IT Panels & Server Cabinets

- Network Cabinets / 19" server racks
- Micro Data Centers

Telecom Panels & Outdoor Cabinets

- All Types of ACDB Panels
- All Types of DCDB Panels
- Rectifier Cabinets with Battery Banks

Customized Enclosures & Fire Cabinets

Component and materials selection

All the materials and components are being selected as per the respective standards, specification, functions and features for each item, which provide optimum performances during functioning.

(Ex-Copper Bus bar conductivity 99.99%,Hingers and door locks meet IEC standard etc)



Industrial Control Panel



Motor Control Centers

Busbar Panels

VEE Power offers a wide range of customized busbar systems

Form Separation upto 4b

Current Carrying Capacity upto 7100A



Ambient Temperature upto 50 °C
Degree of protection IP 54 (IEC 60529)

Bus Bar Systems

Heat removing by convection is being enhanced by the innovative arrangement of bus bar chamber.

Above design is improve the mechanical and electrical feature much significantly.

- Fully insulated busbar systems are also available as standard.

Control Panels

VEE Power offers a wide range of customized control panels

Control System is architected with Relay, PLC,VSD and Timers from world renowned brands



Smart Panel Board Solutions (V-Smart)

Vee Power Manufacturing “V- SMART” panel which enables to control and communicate via web / WiFi for BMS or SCADA purposes.



Power Distribution Panels

VEE Power offers a wide range of power distribution panels

Distribution Boards

Power Distribution Board consists of cabin, gland plates with Neoprene gaskets, & steel door with PU gasket, mounting rails, DIN rails, front plates.

Power Distribution Board is surface mounting type and can be converted to flush mounting type by fixing Flush Frame. Flush Frame is supplied as a removable separate item for easy transportation and stocking.

- Epoxy Polyester powder coated to textured Pebble Grey (RAL 7032) .
- Ingress Protection 65 (IP65) as per IEC 529 (BSEN 60529) standard.
- DIN rail unit can be removed from the cabin to facilitate faster wiring.
- Flush Frame of Flush Mount Distribution Board are removable for easy transportation and stocking.
- Terminal section is covered by a separate front plate.
- Polyurethane (PU) gasket on door to prevent dust & water (To maintain the IP rating) IP65 protection.
- Concealed hinge, door opens 120 degrees .
- Provision to fix door left or right hand side .
- Earth stud on door & cabin for earthing .
- Recessed back plate .
- Mounting plate for MCCB can be adjustable in depth to accommodate different brands of MCCBs .
- Neutral & Earth links are supplied.
- Recessed gland plate.
- Back Embossed with a rib for extra strength .
- Gland plate is fixed with Copper studs. No screws are penetrated outside (To maintain the IP rating).
- Openings are covered with plastic plugs (To maintain the IP rating) .
- Distribution Boards are supplied with steel front door, glass front door is available on request.
- Door lock is quarter turn lock with common key. Other lock options are available on request.



Network and Server Cabinets

VEE power offers optimized cooling solutions for data center requirements

VEE Power designs and manufacturers a wide range of innovative standard and customized products such as,

- Mini Data Center Server Racks
- Smart Server Racks
- Network Cabinets
- 19" Open Frame Racks



Wall Mount Cabinets



Single Wallmount Cabinet
with Openable Side
Panels From Outside



Double Section
Wallmount Cabinet



Server Cabinets | Server Racks

Outdoor Cabinets

VEE Power offers a wide range of customized Outdoor Cabinets

Rectifier Cabinets,
Battery Cabinets,
Equipment Cabinets



Telecom Batteries

VRLA High Voltage Batteries
VRLA Low Voltage Batteries
LFP Batteries with Racks



Telecom Panels

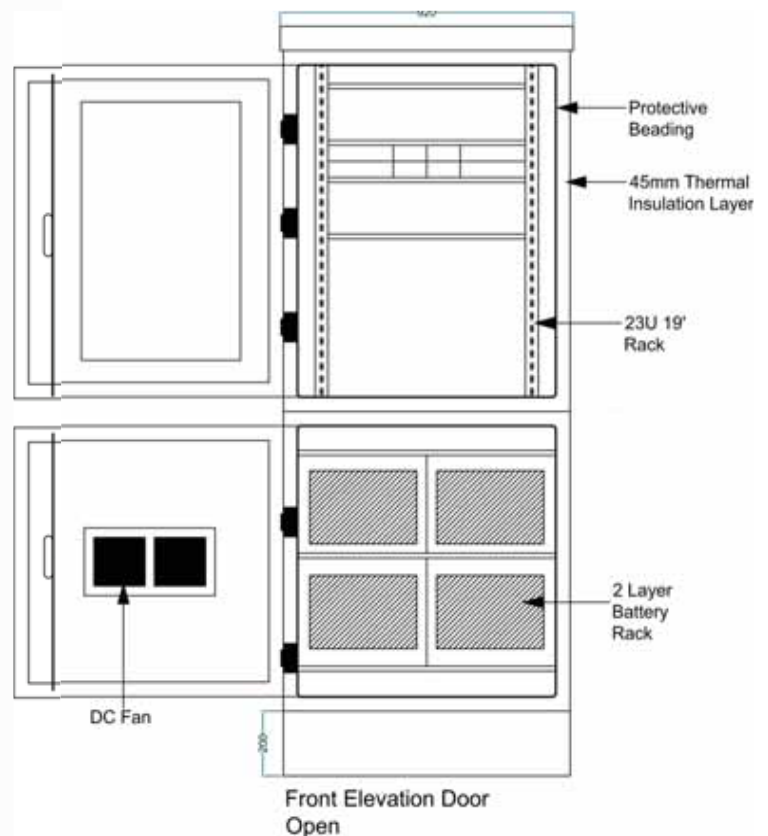
VEE power offers wide range of customized Telecom Panels



facilitate power system, BBU, transmission equipment and battery etc.. It supports smooth evolution through adding new cabinet. Sandwich panel wall and multi security lock complete protection for inner equipment. Adopted separate temperature control, heat exchanger for equipment cabinet. High efficiency and smart control temperature control realizes remarkable savings in operational expenditures.

Application

- Telecom Sites
- Power Cabinet
- Transmission Cabinet
- Data Communication Cabinet



Enclosure Solutions

VEE Power offers a wide range of customized enclosures



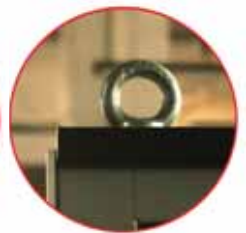
VEE Power manufactures standard and custom electrical enclosures with the highest quality. Each of the materials exhibits different characteristics and capabilities which makes each specifically suited for certain environments and applications. All electrical enclosures are manufactured in compliance with world recommended standards for any application.



Steel Frame



High Protection



Lifting Lugs

Key features:

- Textured/ gloss powder coated finish
- Vast range of sizes

Free Standing Cabinet

Free standing enclosures cover all purposes for a any purpose of distribution panels, PLC panels and heating & ventilation panels.



Enclosure Solutions

VEE Power offers a wide range of customized enclosures



Special Design Flush Mounted Panels

Fire Cabinet Solutions

VEE power offers a wide range of standard Fire Cabinets

Fire Hose | Hose Reel | Fire Extinguisher Cabinets

VEE Power manufactures a wide range of steel cabinets for installation of fire hose reel, extinguisher, hose and hydrant valve and safety equipment.



VEE POWER Office



VEE POWER Manufacturing Line



1

Punching line



2

Bending line



3

Welding line



4

Stud Welding Line



5

Grinding Line



6

Pre-treatment line



7

Powder Coating Line



8

Assembling & Wiring Line



9

Testing line



10

Labelling, Packing & Delivering

Project References



Supply of 4000A Synchronizer Panel for UI Technical, Hakuruhura Project, Maldives



Supply of Meter Panel for IPES Investment LTD - Sunny Project, Maldives

Project References



Supply of Meter Panel IPES invesment PVT LTD - NI School Project, Maldives



Supply of Isolator Box for Away Hotel-New Beach Villa project, Maldives

Project References



Supply of 800x1500x250mm Enclosures for Away Hotel, Maldives



Supply of Lagoon Suite DB for Kes PVT LTD, Maldives

Project References



Power Distribution Boards

Project References

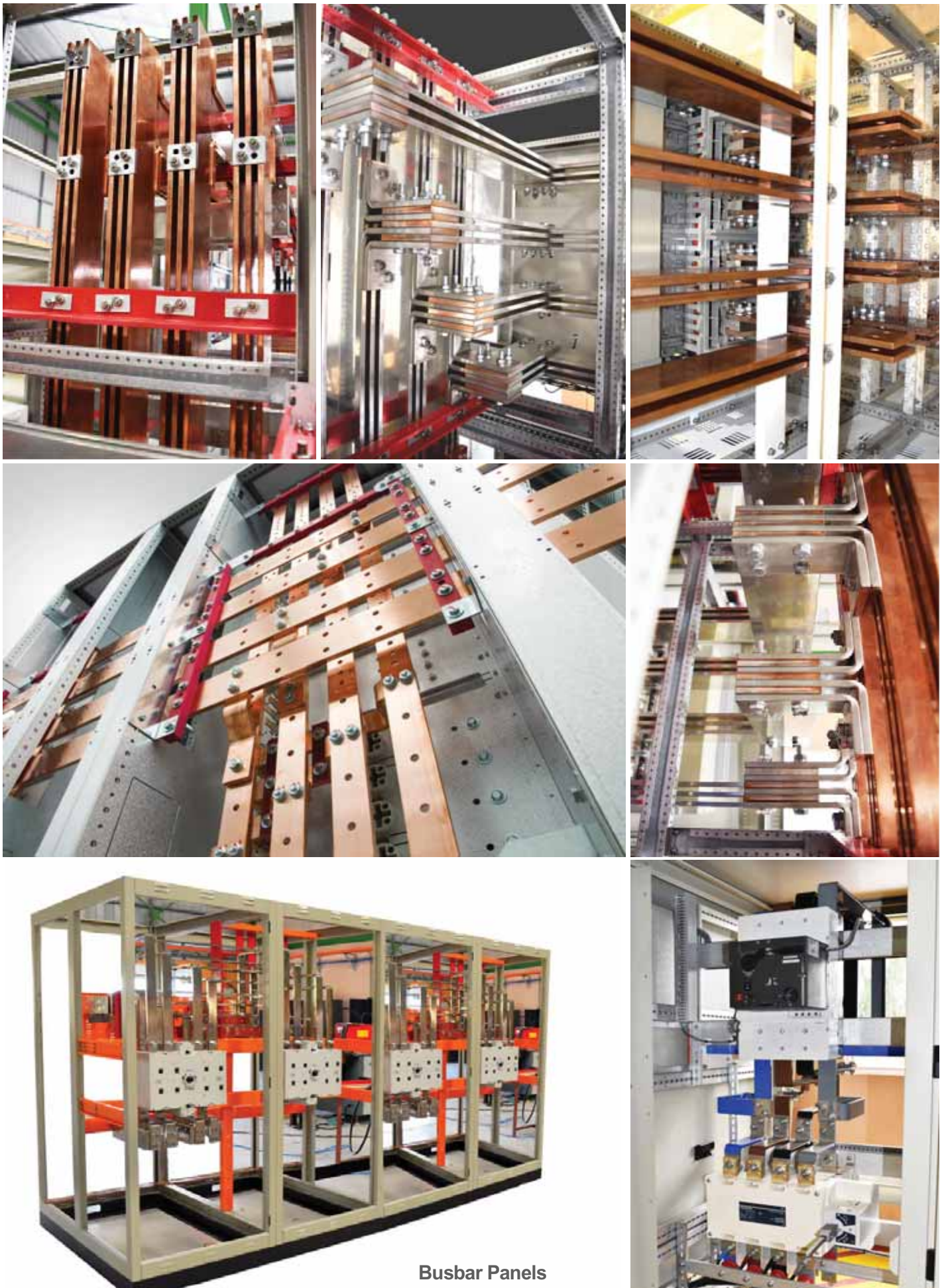


Capacitor Banks



Outdoor Telecom Panels

Project References



Busbar Panels

Project References



Project References





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