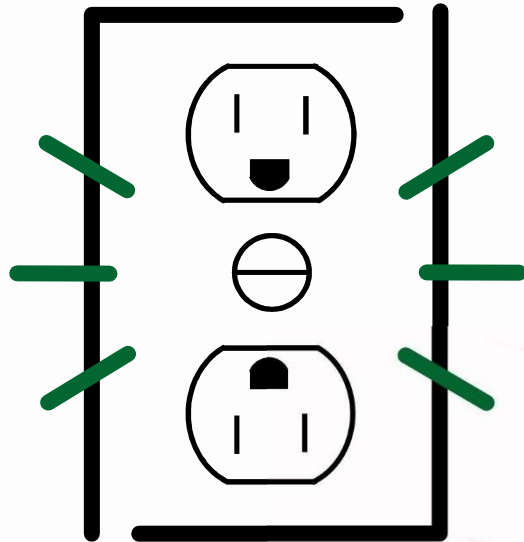


power partner

connecting you with the things you love

Electrical Consultants & Contractors



AN ISO 9001 : 2015 CERTIFIED COMPANY GOV.

About us



Power Partner was established in year 2013 by young dynamic and qualified electrical engineer Er. Pankaj Mandhana in second biggest city of Rajasthan i.e. Jodhpur. Under his able guidance and future vision our organization has achieved remarkable success since its establishment. His strong business acumen and rich industry experience has played a vital role in the growth of our organization, backed by a team of highly proficient, talented, and diligent workforce.

Since our establishment, we "Power Partner", have tried to emerge as western Rajasthan's one of the most prominent manufacturers, suppliers and service providers of comprehensive range of Electrical Automation, Instrumentation and Control Panels. our Products are manufactured by using quality material and environment friendly process techniques.

Over past few years, we have build a strong database of satisfied client base. Our professionalism and vast experience has enabled us to create a niche for ourselves & make our presence felt in market. With a range of Electrical, Automation, Instrumentation & Control Panels & with modern engineering practice and equipments for turnkey erection of electrical systems for every sector we are in ourselves A- FULL FLEDGED ELECTRICAL WORLD

We offer excellent customization facilities to our clients who have any specific requirements or demands. Our team of experts tries its best to understand the exact demand and requirement of the client. We customize our products as per the need of client without compromising on the quality of the product.

Company hold a valid 'A' Class Electrical Contractor Licence from the Senior Electrical Inspector, Jaipur, Rajasthan.

Company Register with Ministry of Micro, Small & Medium Enterprises (MSME).

Company also hold an ISO 9001:2015 certificate for manufacturing and supplying of Electrical Distribution & Control Panels and Electrical Erection Work.

Our Vision

Our vision is carry out our business in most ethical way and delivery best quality products and services

Our Mission

Through innovation and expertise, we target to provide complete electrical & automation solutions that meet global standards in quality & reliability.



Converting
Requirements to Reality



Electrical Control Panels for all Application

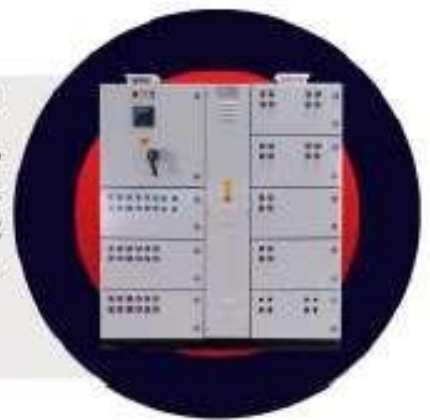
Power Control Center



Power Control Centers are used for distribution and control of power with protection of power source and equipments from short circuit, overload, earth fault, under and/or over voltage etc. The fault levels areas as high as 50KA or 65KA for 1 second. The appropriate bus bar system are incorporated to suit the fault level as well as to restrict temperature rise above ambient

Motor Control Center

Motor Control Centers are used for connecting the individual motors for manually, remotely or automatically starting, stopping, selecting forward and reverse rotation, selecting and regulating the speed, regulating or limiting the torque and protecting against overload, single phasing, reverse phasing, phase imbalance, earth fault, under current, under/over voltage, lock rotor current, high winding temperature etc.



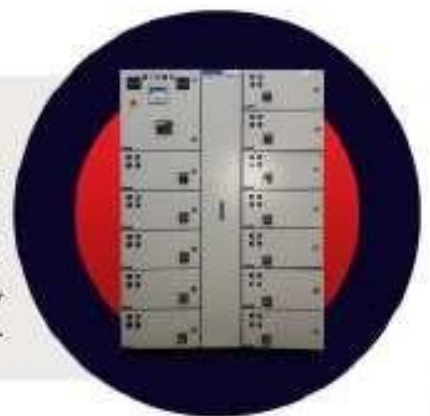
Auto Transformer Starters

Auto Transformer Starters are most popular electromechanical reduced voltage starting devices providing maximum starting torque and minimum starting current for induction motors. An induction motors draws 6 to 10 times of full load current if directly connected to power supply whereas with auto transformer starters the reduced volatage is applied to the motors results in lower current and high torque.



Auto Power Factor Correction Panel

Automatic Power Factor Correction Panel are installed to save energy by consistently maintaining higher power factor and also to curtail power factor penalty. Low power factor leads to poor power efficiency resulting in overloading of transformers, bus bars, switchgears, cables and otherdistribution devices.





Auto Mains Failure Panel

Auto mains failure panels are used to control start/stop of diesel generating sets in accordance with the availability of main power supply. The panels are manufactured for various capacities and different makes of diesel generating sets. These panels are incorporated with battery chargers and various protections for diesel engines.

DG Synhronization Panel

DG synchronizing panel controls the functionality of a number of diesel generator sets. In Industries, more than one DG sets have to be used in parallel to share the total load on the system. To synchronize two or more diesel generator sets it is required to match all the parameters viz. voltage, frequency, speed, phase sequence and phase angle.



VFD / PLC / SCADA

The programmable logic controller is the brain of PLC based panels. These panels are integral part of turnkey industrial automation projects as well as find wide application in standalone control systems and complex processes and production operations. The PLC Panels are used with integration of instruments and devices viz VFD, PID Controllers, HMI, Servo Controllers, Digital meters, indicators etc.

Cable Tray

The reliable, adoptable, maintenance friendly and inherent safe cable tray management system provide excellent ventilation enhancing cable life. The cable tray wiring systems offer significant advantages over conduit pipe and other wiring systems and are less expensive, lower engineering and maintenance cost, ease of installations, less need to reconfigure systems, fewer environmental problems etc.



Committed to Excellence...



Optimum Designing

Right Switchgear Selection
Type 3B, 4B Construction
Isolation of Live Parts
Well equipped qualified designers
Type 2 coordination for Starters
Right Busbar plotting

Raw Material Inspection
HV Insulation Tests
Busbar Conductivity Test
Switchgear OK Test
Insulators breakdown Test
Post Manufacturing Tests

Every step Testing



8 Tank Powder Coated Plant

8 Tank Treatment of Panels
Advanced Techniques
High Quality Powder
Best Phosphating Chemicals
70-100 micron Coating Thickness
Excellence Quality Control

Laser Cutting / CNC Bending
MIG Welding
Chrome Plated Fasteners
Pneumatic Tooling
Electrolytic Quality Hindalco Busbar
FRLS Wires

Salient Features in manufacturing



Excellment After Sales Services

On Call Instant Service
Experienced troubleshooters
Online Technical Support
Exclusive Service Staff
Extensive Network



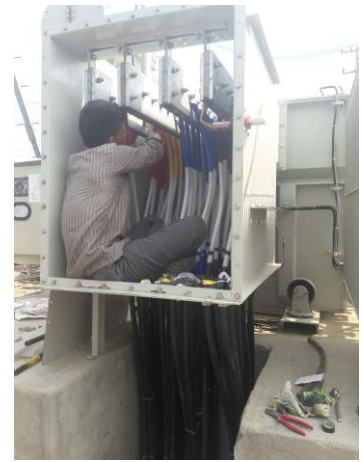
Project Gallery

33/0.415 kV Sub Station Installation



Project Gallery

33/0.415 kV - 3300 kVA Transformer Installation



Project Gallery

11/0.415 kV Sub Station with 630kVA Transformer Installation



Project Gallery

Distribution and Control Panel Installation



Project Gallery

Distribution and Control Panel Installation



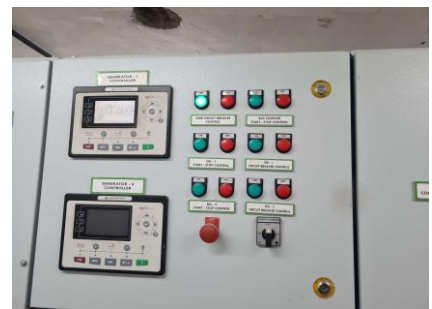
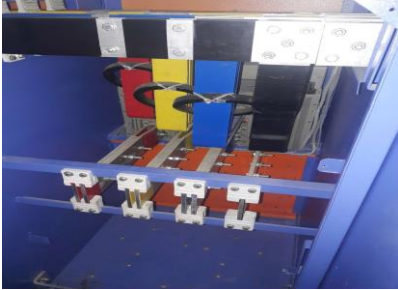
Project Gallery

Distribution and Control Panel Installation

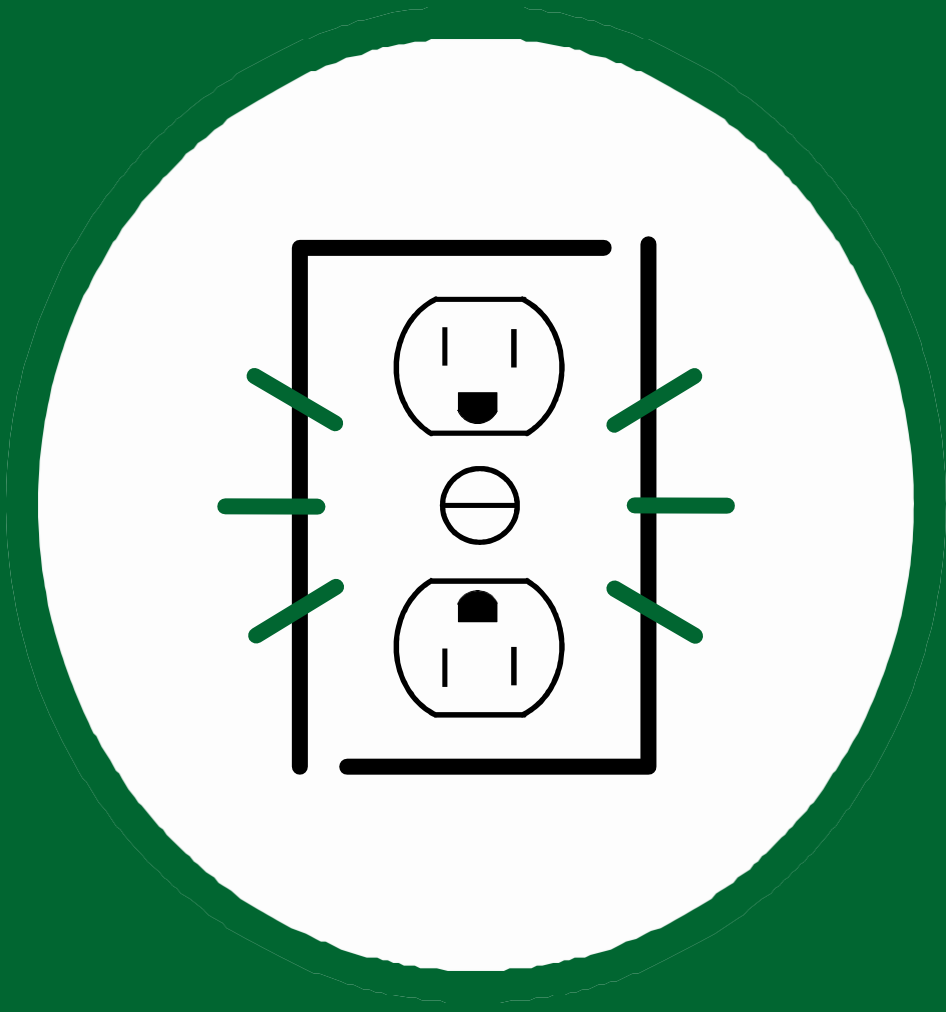


Project Gallery

Distribution and Control Panel Installation



Energy Protection Isn't An Alternative It's The Main Choice



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