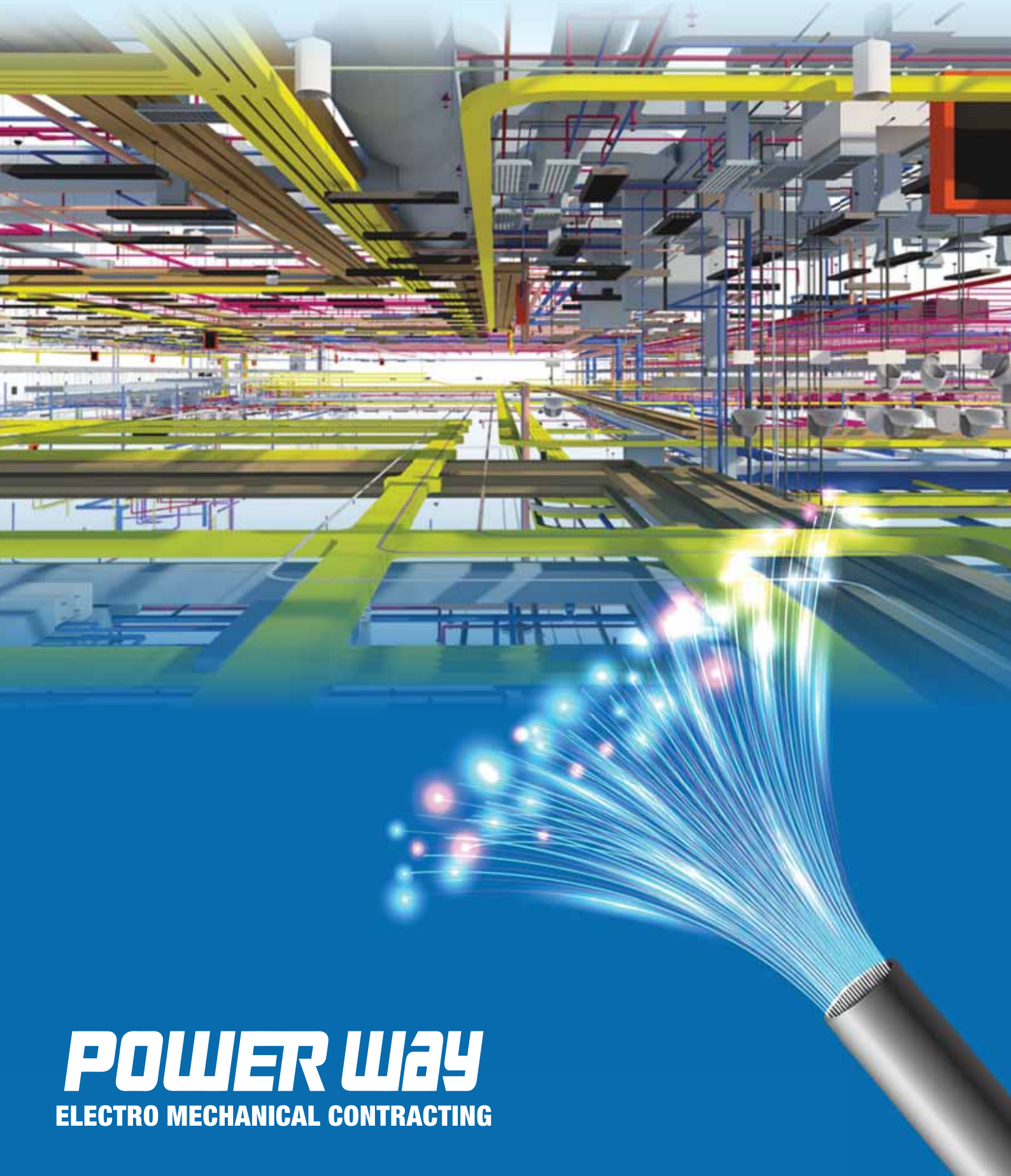




POWER WAY

For complete MEP solution



POWER WAY

ELECTRO MECHANICAL CONTRACTING

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- MISSION
- DEPARTMENTS
- QUALITY ASSURANCE & QUALITY CONTROL
- SAFETY & HEALTH POLICY
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- LICENSES AND APPROVALS

Our Company Adheres To The Regulation And Standards Of Following Authorities:

- ETIHAD WE (Above 2000 KW)
- RAK Economics Zone (RAKEZ)
- ISO 14001:2015
- ISO 45001:2018
- ISO 9001:2015
- RAK Maritime City (RMC)
- Etisalat





About us

As a well-established MEP contracting company in Ras Al Khaimah, we offer complete MEP solutions starting from design to supply & installation, testing and commissioning for a wide spectrum applications which includes all kinds of Electrical, Low Current, Water Supply, Drainage, Air Conditioning (HVAC), Fire protection system, Refrigeration, Lightning Protection System, Cold Room, Chemical Pipeline, Compressed Air Pipeline System and Drainage HVAC & Refrigeration Systems and Piping Systems for Chemicals for Industrial Projects, Commercial & Residential Building, Hospitals, High Rise Towers, Landscaping and Street Lighting Projects, as per the standards of U.A.E authorities.

Vision

We strive to become one of the most reliable MEP contracting companies in the Middle East, continuously conforming to our ever-growing professional and ethical demeanor as well as quality assurance standard to earn the privilege of being your contractor of choice.

POWERWAY is committed to:

1. Deliver 100% client satisfaction by providing state of the art yet viable & cost effective solutions and implementing those solutions through superior quality workmanship
2. Ensure that amidst all undertaken projects there exists a great deal of passion and commitment to provide quality services and on time completion to deliver client satisfaction.
3. Provide an open and flexible approach towards the needs of our clients by considering their views & comments and thus providing a better solution
4. Maintain professional leadership in project management capability.

Mission

Guided by our vision we shall deliver high quality, cost effective jobs on time and enhance our client's satisfaction through continuous improvement of our business practices in terms of safety, quality, services, delivery as well as environmental protection.

Electrical Division

Design, supply, installation, testing and commissioning



Skilled to Expedite a Wide Spectrum Electrical Systems Ranging From Design, Supply & Installation and Testing & Commissioning of all Kinds of: Lighting & Small Power, Power & Control Cabling, Power & Control Panels, Instrumentation, Transformers, RMU's, Earthing & Lightning Protection, UPS Systems, Inverters, Motors, DG Sets, Low Current, Data & Telephone and Access control systems. Preventive Maintenance and AMC of all the above mentioned details are also Included



LOW VOLTAGE SECTOR

Turnkey works which includes the total design, supply & installation, commissioning of the following

Wiring, Lighting & Small Power Works for Villas, Villa Communities, Multi-story Buildings, Office Interior, Warehouses, Factories, Special Lighting Works (Explosion Proof, High Intensity, W/P) for Heavy Industries Like Explosive Storage Facilities, Oil Additive Industries, Cement Industry, Glass Factories etc. Street light works for all facilities like Parks, Parking Area, Roads, Airport Hanger Area Where High Intensities are Required etc.

Cabling and Containment/ Routing Works Which Encompass Power, Control, Co-Axial Cables, Fire Rated Cables, Silicon Cables and Other Low Current Cables, Cable Tray, Ladder & Trunking Works. Busbar & Related Tap Off Unit And Connection Systems Low voltage panels like DBs, SMDBs, MDBs, Synchronizing panel, MCC and all type of switch-gears. Preventive Maintenance and AMC Services are Also Included.

Earthing Works Which Includes Grid or Individual Earthing with Earthing Resistance Enhanced With



Special Enhancing Compound, Lighting Protection, Aircraft Warning Light, Helipad Lights
Uninterrupted Power Supply Systems, Inverter Systems, Frequency Converter Systems and Stabilizer Systems for Industrial As Well As Domestic/Commercial Purposes.

Medium Voltage Sector

Complete Design, Supply, Erection, Testing & Commissioning, Preventive Maintenance and AMC Of The Following

Medium Voltage Panels, RMU's, Transformers, TMC ETC

Medium Voltage Cabling and Termination Works, MV Cable Jointing Works
Medium Voltage Testing

Low Current Sector

Includes The Total Design, Installation and Testing of the Following Systems

Data/Telephone System

CCTV and related Camera Systems

Gate Barrier, Sliding Door and Related Access Control Systems Home Automation and Industrial Automation Systems

EV Charger Installation

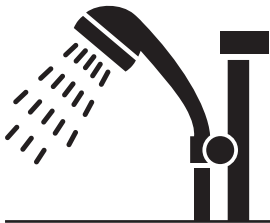
As the demand for EV charging rapidly increases, Powerway can satisfy electric vehicle charging infrastructure needs of today and tomorrow. Includes the supply and installation of EV Charger.

Our Service includes EV charger installation at Private Villas, Commercial and Residential Buildings. We are dealing with all major brands of EV Charger like ABB, Schneider Electric, Eaton, Tesla, Teltonika. The different power options are 7.4kW, 11kW and 22kW.



Plumbing and Drainage Division

Design, supply, installation, testing and commissioning



- Special Irrigation System for Controlled Environment Agriculture (Modern Farm).
- Industrial / commercial / residential drainage systems that include pipes, fittings, floor drains, cleanouts, rain water outlets, catchment basins and channel gratings, sewage and storm water lifting station, etc.
- Industrial / Domestic chilled / normal/hot water systems that include water transfer & booster pumps, water tanks, water heaters (central and domestic), water filtration and water treatment systems, etc.
- Portable water and drainage systems.
- Water closets, hand wash basins, bidets, bath tubs, shower trays, jacuzzi, mixers, shower and all kinds of bath room accessories .
- De-Salination Plant unit for Industrial and Commercial Purpose



Mechanical Division

The complete installation, testing and commissioning

- All types of chillers, package units, split ducted units and VRV's.
- Domestic ducted, jet fans and specialized ventilation system
- Industrial exhaust fans/ducted exhaust systems for industries and commercial projects
- Chilled water piping systems
- PI and GI ducts in accordance with SMACNA / DW 142 / ASHRAE standard.
- Compressed air and vacuum piping systems.
- Specialized systems namely: Smoke management systems, staircase pressurization system.
- Chiller, Freezer, Blast Freezer Cold Rooms.
- For commercial store and industrial purpose.

The services also include Heat Load Calculation, selection of equipment and Energy Conservation in terms of savings in energy and cost. The installation team has been trained to take care of specific noise / vibration control measures prior to erection of any equipment viz: Chillers, Pumps, Air Handling Units, Fan Coil Units, Extract Fans, etc. Air balancing / water balancing prior to final testing and commissioning activities will be done in accordance with CIBSE.

Fire Alarm and Fire Fighting Division

Power Way is approved by Civil Defence to install, maintain (AMC) and testify all kinds of Fire Protection Systems in Ras Al Khaimah. One Stop solution for all your fire protection and maintenance requirements. We are an ISO certified company providing comprehensive and in-depth services in the design, supply, installation, testing, commissioning, and maintenance of a whole range of fire systems. Our services range from Fire Alarm and Detection Systems, Fire Pumps, Fire Sprinklers, Emergency Evacuation Systems, FM200 Systems, Deluge Systems.





Quality Assurance and Quality Control

Quality management plans are set forth and imposed on all undertaken projects. With our dedicated team of experts, we devise project specific quality measures ensuring customer satisfaction at all times and most importantly the project outcome. Not only do these plans ensure that the project requirements are met, but also that all stakeholders are satisfied with the project outcome.

SAFETY & HEALTH POLICY

The management of POWERWAY holds high regard for the safety, welfare and health of its employees. We strongly ensure that every employee is working under the safest possible conditions. All possible efforts will be made to prevent accidents in all our worksites, workshops and projects. We believe that it is a good practice to guard against accidents and occupational diseases as preventing accidents will reduce the associated costs and increase the morale of the employees, which is an intangible benefit to the organization.

All employees in our company are expected to perform their duties without compromising

the safety guidelines issued from time to time. Safety requirements will be an integral part of all our systems and it will be carefully planned and controlled in the day to day operation. Safety is primarily a line function and the safety personnel will work as catalyst / functional experts in advising the line staff to manage safety efficiently. They will audit the company's operations on a continuous basis to ensure whether the existing safety systems are adequate enough.

We have a responsibility not to endanger the environment due to our operation and will do our best to preserve it to the possible extent.

Major Clients

SOME OF COMPLETED PROJECTS



SAVER GLASS

ELECTRICAL FOR BATCH PLANT
STORE, BOILER ROOM CHARGER
SOCKETS SOLAR SYSTEM ETC



PREMIUM TOBACCO FZ LLC

WARE HOUSE , FACTORY
1000KVA POWER + MACHINE CONTROL
LIGHTING INFRASTRUCTURE
600 TONHVC PACKAGE UNITS

ADVANCED CONCRETE PRODUCTS

COMPLETE MEP WORKS FOR
2000KVA LOAD INCLUDING LIGHT



ARC INTERNATIONAL MIDDLE EAST LLC

MACHINE, POWER PANELS
CABLES AND CONTROLS



**EMIRATES NATIONAL
SCHOOL TRINITY
ENGINEERING**

STAFF ACCOMODATION BUILDING
ELECTRICAL
LOW CURRENT WORKS



ARCOMET FZC LLC

ARCOMET MAIN OFFICE
BUILDING COMPLETE
MEP WORK IN RAK
MARITIME CITY
(5MVA project+ 300 Ton HVAC)



RAK DENTAL COLLEGE

DENTAL CHAIR, LIBRARY
CONFRENCE ROOM ELECTRICAL
WORKS



RAK INTERNATIONAL AIRPORT

ARRIVAL TERMINAL
CONVEYOR ROOM POWER
NPA AREA STREET LIGHTS

SOME OF COMPLETED PROJECTS



AL NAEEM MALL

ELECTRICAL CABLE LAYING AND
POWER CONNECTION FOR RHEM
AL BAWADI, ELCHICO
YELLOW CHILLI, SPAR



THE FARMHOUSE

THE FARM HOUSE

COMPLETE MEP WORKS
FOR THE TOTAL FARM
CHILLER COLDROOM WORK



VESUVIUS

CONFERENCE ROOM ELECTRICAL
WORKS



شركة إسمنت راس الخيمة
RAS AL KHAIMAH CEMENT COMPANY

RAK CEMENT

ELECTRICAL CABLING WORK (6 KM)
FROM SAQR PORT TO RAKCC



**PHARMAX
PHARMACEUTICALS – DUBAI**

POWER AND CONTROL CABLE
FOR ALL MACHINES



RAK PROPERTIES

MEP WORKS IN MINA AL ARAB
BUILDING 4,16,12, CHANGING ROOM
FACILITY BUILDING, TENNIS COURT ETC
BERMUDA VILLAS



**DOUBLE TREE HILTON
AL MARJAN ISLAND
AL ALI CONSTRUCTION**

LIGHTNING PROTECTION
SYSTEM WITH LATEST DLP SYSTEM



DABUR NATURELLE LLC

STREET LIGHTING,
CABLING FOR MACHINERIES



SOME OF COMPLETED PROJECTS



KNAUF

AIR COMPRESSOR CABLE LAYING
EMERGENCY SIREN SYSTEM



RAK PORTS

ELECTRICAL WORK FOR
FOOD PROCESSING FACILITY
BUILDING AT SAQR PORT



BOSKALIS

PORTABLE CONTAINER
MEP WORKS FOR VESSELS, PUMPS



Additional Machine Bottling and manufacturing
Plant and related works



Ocean Rubber Factory
HDPE pipe line works





Achakzai international industries LLC
Ware house , Factory , Store ,
office and service area
400 ton Air condition , 2000KW+ Electrical ,
Compressed air , Dust Collector Systems



Eversendai
Office Building
Complete MEP - Electrical , Water Supply,
Drainage , HDPE , HVAC System

Geodynamics

Infrastructure , office,
storage and bunker area
Complete MEP - Electrical , Water Supply,
Drainage, HDPE , HVAC System



Piekkko Gulf
Ware house, Factory, Store, office and service area
VRF AC for complete office area, accommodation 385 Ton Capacity



مدينة رأس الخيمة الملاحية
RAK MARITIME CITY

Infra Structure Development For 10 Km
(Street Light Installation)



SOME OF COMPLETED PROJECTS

Golf Club/ towerlinks RAK

Restaurant , Bunker , golf course , office
VRF AC for complete office area,
Accommodation 385 Ton Capacity and Electrical



Julphar
الخدمات الصيدلانية
Gulf Pharmaceutical Industries

Gulf Pharmaceutical Industries LLC
Julphar 1,3,6,10,11 AND 12
Electrical , HVAC , Water Supply and Drainage,HDPE


RAK HOSPITAL
Premium Healthcare, Premium Hospitality

RAK Hospital
Eye Care Centre
Complete Electrical , Low Current Works



Technical Metal Industries
Factory -2 nos , Store , Ware house,
Office and service Block
Complete MEP - Electrical 2000+KW , Water Supply,
Drainage , HVAC System



POWER WAY
Smart Switchgear Solutions



COMPANY PROFILE

POWER WAY

ELECTRICAL PANELS ASSEMBLING

THE COMPLETE SOLUTION IN
POWER DISTRIBUTION AND CONTROLS

About Us

Power Way Electrical Panels Assembling is a division of the reputed “POWER WAY Electro Mechanical Contracting” based in Ras Al Khaimah. We spread our wings to the new horizons of the United Arab Emirates power distribution sector. As market leaders in electrical distribution supporters in the domestic, commercial and industrial sectors, we pride ourselves on the relationships we have established with our long-term and repeat business customers. These relationships have been built over many years of quality and reliable service. By taking the time to understand our customer’s individual requirements we ensure we provide them with the best solution based on our technical knowledge and experience. Our superior project performance, professionalism and stability is evidenced by our bond rating, which is one of the best in the industry. We are put our mile stones through the years of business along with our satisfied customers.

We are specialized in LV power distribution systems such as MDBs, Capacitor Banks, ATS Panels. In control panels we are providing tailor made designs of Motor Control Centers, VFD & Soft Starters, Pump Control Panels, and control console tables. From design to delivery we committed to satisfy our customers with quality and reliability. Our products are designed to the highest level of technical standards and aimed to safety of our customers and consumers the only and one concern to us. By using the well known brand’s products we assure our consistency in product quality and durability.

We work with



Our Product

MDB

Form II, III and Form IV
Rating: 630Amp to 3200Amp
Front or Rear access type construction
Ample cabling space for easy connections
Top and bottom cable entry
Protection rating: IP 54 Ambient temperature rating : °50C



TECHNICAL DATA

INCOMER: ACB - 3 or 4Pole, 630A to 3200A, 50 to 65kA, Fixed or draw out manual or motor operated.
MCCB - 3 or 4Pole, 630 to 1600A, 50kA, fixed or plug-in type, manual or motor operated.
BUS COUPLER: ACB or MCCB as above, Fixed or draw out, manual or motor operated.
MCCB - 3 or 4Pole, 630 to 1600A, 50kA, fixed or plug-in type, manual or motor operated.
OUTGOINGS: ACB or MCCB as above, 3 or 4Pole, up to 1600A, 36 to 65kA.
BUS BAR: H.C.H.D. copper, tinned, insulated and color coded
ENCLOSURE: Electro galvanized sheet steel 2mm, powder coated, removable rear covers, extendible on side, RAL 7032/7035

SMDB

Rating: Up to 800Amp Ample cabling space for easy connections Top, bottom and side cable entry
Protection rating: IP 65
Ambient temperature rating: °50C



TECHNICAL DATA

INCOMER: MCCB 100A to 800A, 3 Pole, 15 to 50kA, with / without external rotary handle. OUTGOINGS: MCCB 30A to 630A, 15 to 50kA, 3 Pole
BUS BAR: H.C.H.D. copper, tinned, insulated and color coded
ENCLOSURE: Electro galvanized sheet steel, powder coated, suitable for floor or and wall mounting.

Our Product



Capacitor Bank

With automatic PF regulator

With or without harmonic -filters

Standard sizes according to capacitor ratings

Stand alone units for safety purpose

Capacitor fitted with protection caps Temperature controlled

Standard fixing for increased air circulation Ambient temperature rating

TECHNICAL DATA

INCOMER: Isolator or 40 to 1250 Amp with external door handle

OUT GOING: HRC Fuses as per standard, 100 kA

BUS BARS: H.C.H.D. copper, tinned, rated for 50 kA short circuit

CONTACTORS: Special contactors rated according to the sizes of capacitors with damping resistance for the inrush current

CAPACITORS: Equipped with advance technology capacitors for over voltage of 450V mounted in upright position

REGULATOR: Programmable microprocessor based PFR to allow compensation of low line voltage.

DB

Final DBs Flush or Surface mounted type

Assembled according to the specification and requirements

Top, bottom and side cable entry

Ambient temperature rating 50°C

TECHNICAL DATA

INCOMER: Isolator 40 to 160A, 3Pole or 4Pole

OUTGOINGS: ELCBs 25A to 125A, 30mA to 300mA, 2P/4Pole MCBs 6 to 63A, 1P/2P/3P, 6 to 10 kA

BUS BAR: 63/100Amp rated 1P/2P/3P/4P comb bus bar.

ENCLOSURE: Electro galvanized sheet steel, powder coated



Our Product

Motor Control Centre

INCOMER: MCCBs Fixed or Draw out type
OUTGOINGS: ELCBs, MCBs, Contactors, O/Ls,
Motor Protection relays
CONTROLS: Programmable Logic Controls
or Intelligent MP Relays
Manual and Auto operations based with
relay or PLC controllers
Power regulated with VFD / Soft Starters

TECHNICAL DATA

INCOMER: Isolator or MCCB
OUT GOING: ELCBs, MCBs
BUS BARS: Load rated comb bus bar or rated insulated wires.
CONTACTORS: Special contactors rated according to the sizes of capacitors with damping resistance for the inrush current
CAPACITORS: Equipped with advance technology capacitors for over voltage of 450V mounted in upright position
REGULATOR: Programmable microprocessor based PFR to allow compensation of low



Control Panel

TECHNICAL DATA

Application Standard : IEC 60439-1
Insulation Voltage : up to 690V AC
Rated Operational Voltage : 415V AC, 3 Ph
Frequency : 50 Hz.
Bus bar Current : up to 250A
Bus bar Short Circuit : 36KA
Application : FCU, LIGHTING, & EF
Ambient temperature : 50°C
IP Protection : IP 41/54
Paint Color : RAL 7032 / 7035
Form of Construction : Form – I



Our Product

Our Product

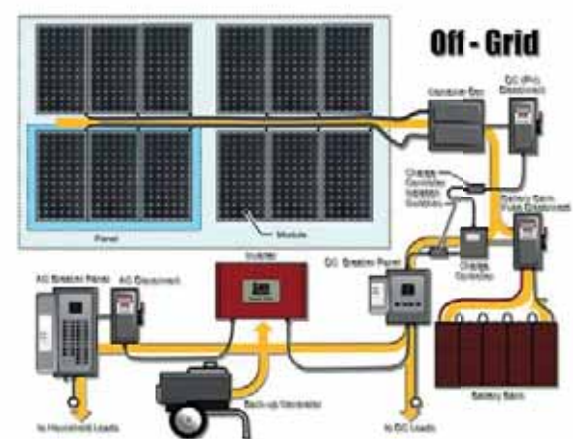
Solar Energy System

Off-grid solutions - Roof top or Ground - based standalone solutions designed to ensure energy independence of residential and commercial sector to reduce dependence on Public Electricity Grid. *Solar Street & Highway Lighting *Solar Traffic Lights *Solar Water Desalination *Solar Water Pumping *Solar Water Treatment *Solar Water Heating



TECHNICAL DATA

Based on customer's demand we provide project initial concept design through studying and observing on site.



Meter Cabinet n' Feeder Pillars

POWER WAY ELECTRICAL PANELS ASSEMBLING L.L.C.

(Etihad WE (FEWA) Approved Meter Cabinet Manufacturer)
200 Amp & 400amp Approved Meter Cabinet Manufacturers Of Etihad We (Fewa)





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