



**SKYLINE POWER
PRIVATE LIMITED**

Secure With Confidence
Unlock Greater Efficiency
Delivering Excellence



INFRASTRUCTURE



INDUSTRY



**RESIDENTIAL
& BUILDINGS**



**TELECOM
& IT**



**POWER
DISTRIBUTION**



**POWER
GENERATION**

www.skylinepower.com.pk



**SKYLINE POWER
PRIVATE LIMITED**

Index	01
Introduction	02
SKLP Products	03
MV Panel	04
LV Panel	05
Synchronization Panel	06
PFI Panel	07
Motor Control Center	08
ATS AMF Panel	09
Power Lighting Distribution Board	10&11
LT Service Box / Meter Security Box / Design & Consultancy	12
Bus Tie Duct	13
Cable Tray	14&15
Cable Ladder	16
Ring Main Unit	17
Pole Mounted T/F	18
Dry Type T/F	19
Our Clients	20
Contact US	21



**SKYLINE POWER
PRIVATE LIMITED**

Introduction

SKLP is a leading engineering company specializing in the design, manufacturing, assembly, and supply of premium electrical switchgear systems and power distribution solutions. Backed by state-of-the-art manufacturing facilities, advanced engineering expertise, and a highly skilled technical workforce, we deliver reliable, precision-engineered products that meet the highest industry standards. Our customized solutions are designed to address the unique requirements of industrial, commercial, and infrastructure projects, ensuring safety, efficiency, and long-term performance.

Our Vision

SKLP envisions becoming a trusted leader in the electrical engineering industry, delivering innovative and sustainable power distribution solutions across Pakistan and Asia. Our mission is to empower industries and infrastructure with reliable, efficient, and future-ready electrical systems that support economic growth, technological advancement, and environmental sustainability. By fostering innovation, quality, and customer-centric excellence, we strive to shape the future of electrification for generations to come.

Our Mission

SKLP is committed to delivering world-class electrical products and integrated power distribution solutions that set new benchmarks for quality, reliability, and innovation. Our mission is to support the growth of industries, commercial enterprises, and infrastructure by providing safe, efficient, and sustainable electrical solutions tailored to evolving market needs. By leveraging advanced engineering, cutting-edge technology, and a customer-centric approach, we aim to build enduring partnerships and contribute to a smarter, more connected, and energy-efficient future..

OUR PRODUCTS



**SKYLINE POWER
PRIVATE LIMITED**

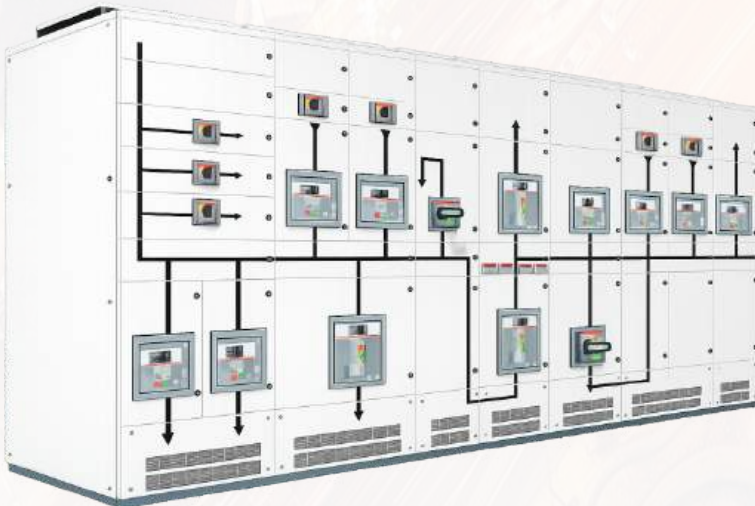
MV SWITCHGEAR

- ✓ Ring Main Unit (RMU)
- ✓ 11kV Incoming Panel
- ✓ 11kV Outgoing Panel
- ✓ 11kV Transformer Protection Panel
- ✓ 11kV Synchronization Panel
- ✓ 11kV Bus coupler Panel
- ✓ Medium Voltage Distribution Panels



LV SWITCHGEAR

- ✓ Low Voltage Panel
- ✓ Synchronization Panel
- ✓ Power Factor Improvement Plant
- ✓ Motor Control Center
- ✓ ATS / AMF Panel
- ✓ Power & Lighting Distribution Board
- ✓ Street Light Control Panel
- ✓ LT Service Box
- ✓ Cable Tray & Cable Ladder
- ✓ Bus Tie Duct (LV & MV)
- ✓ Combiner Panel
- ✓ Feeder Pillars



MV PANEL

A Medium Voltage (MV) Switchgear Panel serves as a critical control, protection, and distribution point within a medium-voltage electrical power system. It enables the safe switching, isolation, and protection of electrical circuits by controlling the flow of power between the incoming supply and outgoing feeders.

Medium-voltage power cables are terminated at the incoming and outgoing circuit breakers, ensuring reliable and secure power transmission. The circuit breakers are operated through integrated electrical control switches or push buttons, allowing safe energization and de-energization of the system.

When the panel is energized, the integrated metering system continuously monitors and records key electrical parameters, including voltage, current, power, frequency, power factor, and energy consumption, in accordance with the panel's design and operational requirements. This ensures accurate system monitoring, operational efficiency, and enhanced protection of the electrical network.

APPLICATION

- ⚡ Electrical substations in industries
- ⚡ commercial complexes
- ⚡ residential developments
- ⚡ hospitals
- ⚡ institutional facilities.

KEY FEATURES

- ⚡ Provides safe switching of high-tension power ON and OFF.
- ⚡ Ensures proper distribution of electrical power in the system.
- ⚡ Protects equipment from faults like short circuits and overloads.
- ⚡ Automatically trips the system during electrical faults.
- ⚡ Indicates the type of fault through protection relays.
- ⚡ Supports accurate monitoring of voltage, current, and power.
- ⚡ Helps in efficient energy management and analysis.
- ⚡ Prevents system restart until faults are properly cleared.
- ⚡ Uses interlocking system for added safety and control.
- ⚡ Improves overall reliability and safety of electrical supply.





**SKYLINE POWER
PRIVATE LIMITED**



LV SWITCHGEAR

LIGHT CONTROLS PANELS

FEEDER PILLAR

LT SERVICE BOX

SUB MAIN PANEL

SUB MAIN DB'S

POWER DB'S

LIGHTING DB'S

WALL MOUNTED

FLOOR STANDING

CONCEALED





**SKYLINE POWER
PRIVATE LIMITED**



SYNCHRONIZATION PANEL

- Optimal load sharing keeps generator sets operating at peak efficiency.
- The system can withstand impact and sudden load changes.
- Voltage and frequency output are exceptionally stable.
- Seamless transfers between multiple generator sets.
- Reduces the amount of cabling required.
- Easily scales to expand the local power network.

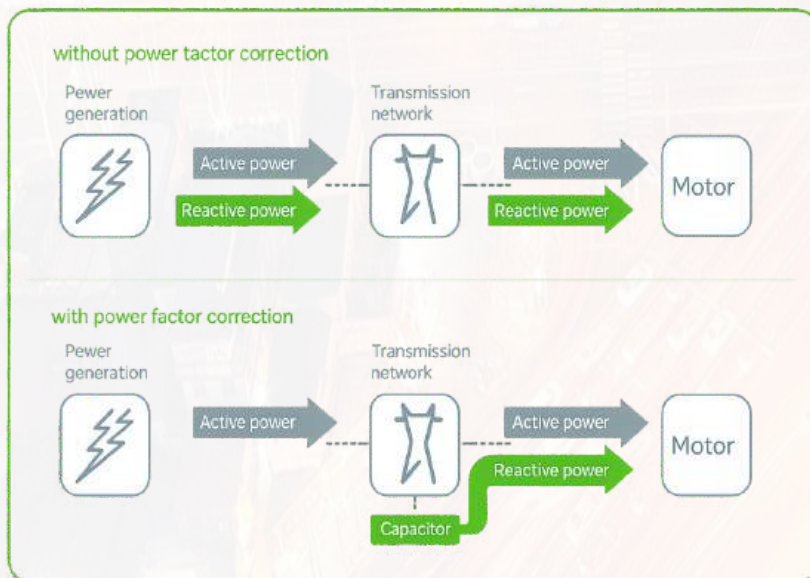


Synchronization panels are advanced power distribution systems designed to smoothly connect multiple generator sets into a single, unified power source. They allow efficient sharing of electrical load, ensuring that power is evenly distributed across different connected loads. These panels also make the arrangement of electrical connections simpler and more organized.

In many factories, several generator sets are used to fulfill the required power demand. In older systems, power distribution was handled manually, which often caused uneven load sharing across different branch lines. Because of this method, some generators could become overloaded while others were not used to their full capacity.

PFI PANEL

Power Factor Improvement (PFI) panels are used to improve the power factor of electrical systems and are typically built as indoor units with either fixed or automatic capacitor switching. They are designed to operate alongside LT Distribution Panels to enhance energy efficiency and help reduce overall electricity expenses. If required, harmonic filter reactors can also be incorporated to minimize unwanted electrical harmonics. These panels are designed with a self-ventilated structure and are constructed using robust, high-quality components to ensure reliable operation, long service life, and consistent performance.



- Improving power factor helps reduce electricity bills by making energy usage more efficient and economical.
- A better power factor increases the available load capacity, supporting business growth and expansion needs.
- It reduces stress on electrical components, helping to prevent overheating and unnecessary power losses.
- It improves the overall efficiency and reliability of the power distribution system for long-term stable operation.

MOTOR CONTROL CENTER



A Motor Control Center (MCC) is an important part of an electrical switchgear system used in industries to control and protect multiple electric motors from a single centralized location. It helps in managing motor operations safely and efficiently in places like factories, power plants, and commercial buildings. MCCs are designed to handle different types of motors used in equipment such as pumps, compressors, fans, and blowers.

KEY FEATURES

- Centralized control and protection of multiple motors
- Equipped with motor starters, relays, and circuit breakers
- Available with DOL, Star-Delta, and Soft Starter options
- Ensures safe operation by protecting against electrical faults
- Designed for easy maintenance and quick fault detection
- Suitable for various industrial applications like pumps, fans, and compressors
- Available in standard and compartmentalized designs
- Supports different voltage levels such as 110V, 220V, and 415V



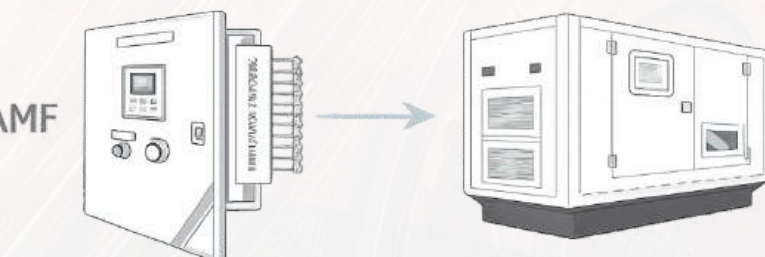
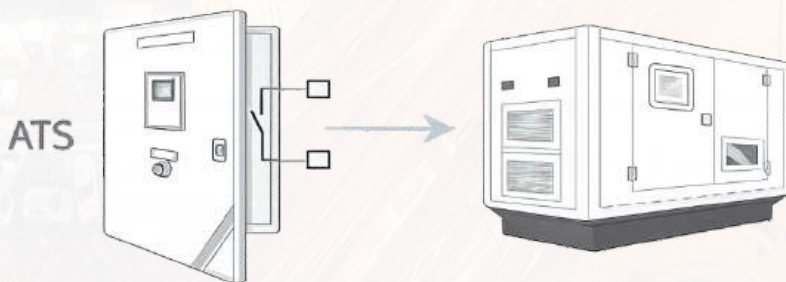
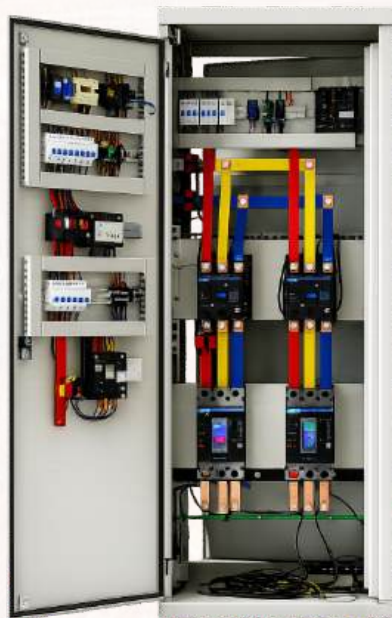
AMF ATS PANEL



**SKYLINE POWER
PRIVATE LIMITED**

An **Automatic Transfer Switch (ATS)** is an electrical switching device that automatically transfers the electrical load from the main power source (utility/grid) to a backup power source (such as a generator) when the main supply fails, and transfers it back when the normal power supply is restored and stable.

An **Automatic Mains Failure (AMF)** system is a controller that continuously monitors the utility power supply. When it detects a mains failure, it automatically starts the standby generator, monitors its operating conditions, and works with the ATS to restore power to the load. Once the utility supply returns and is stable, the AMF transfers control back to the mains and stops the generator after a preset cooling period.



AUTOMATIC TRANSFER SWITH (ATS)

ATS (Automatic Transfer Switch) is an electrical device that automatically transfers the electrical load between two power sources, usually

AUTOMATIC MAINS FAILURE (AMF)

AMF panels are used with generators that do not have an inbuilt Generator Control Panel (GCP), and they help in automatically managing the start, stop, and load transfer functions.

POWER & LIGHTING DISTRIBUTION BOARDS



POWER & LIGHTING DISTRIBUTION BOARDS



LT Service Box & Meter Security Box



**SKYLINE POWER
PRIVATE LIMITED**

LT Service Box

We Supply L.T Service Box which is used for making connection of underground LT mains. These boxes are used in underground distribution system. We manufacture LT Service box as per wapda specification DDS-89-2008. Service box is suitable for installation and operation in three phase 4-wire underground system. Service box is also outdoor/indoor erection.

- ✓ Available in Blue & Green Color.
- ✓ Powder Coated.
- ✓ C5 Coating.
- ✓ Galvanized Sheet.
- ✓ MS Sheet.
- ✓ Hot Phosphate / Degreazing



Wapda Approved A Type Meter Security Box

We Supply Meter Security Box Which is used for protective housing of 3-Phase 4-wire , CT operated metering equipment for L.T commercial & industrial consumer. These boxes are used by DISCO's for attaining proper recording of energy consumed by consumer. Meter Security as per WAPDA Specification DD-S-58:2001



DESIGN & CONSULTANCY

SKLP is focused on delivering modern and reliable electrical engineering solutions through innovative design and professional consultancy services. We aim to improve electrical infrastructure by applying advanced engineering techniques, practical experience, and industry best practices. Our approach is centered on creating safe, efficient, and cost-effective systems that meet the evolving demands of today's power and construction sectors.



BUS TIE DUCTS

A Bus Tie Duct works as a protected electrical link between two switchgear panels. It contains enclosed busbars that carry electrical power from one panel to another. When connected, it enables balanced load sharing and smooth power transfer between systems. This helps in maintaining stability during peak load conditions or when one power source is unavailable. The enclosed design ensures that high-voltage conductors remain safely insulated, reducing the risk of faults or accidents.

Provides safe connection between multiple switchboards. Enables efficient load sharing between power systems. Fully enclosed design for enhanced safety and protection. Reduces power loss during transmission. Helps maintain system stability under varying loads



CABLE TRAYS



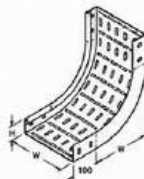
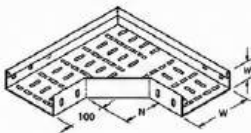
**SKYLINE POWER
PRIVATE LIMITED**

PERFORATED CABLE TRAY

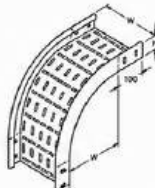
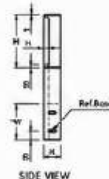
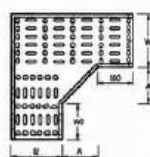
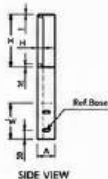
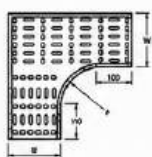
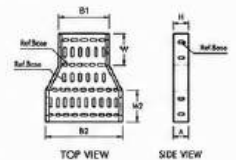
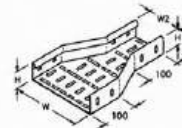
Suitable for Cables that Require Both a Degree of Protection from External Damages & Ventilations

ACCESSORIES FOR CABLE TRAY

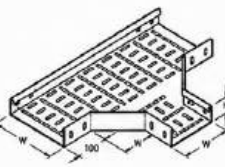
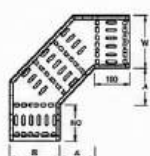
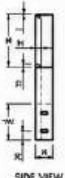
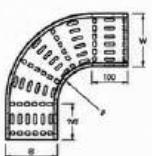
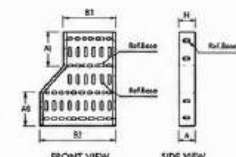
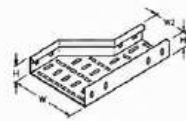
90 DEG HORIZONTAL FLAT ELBOW



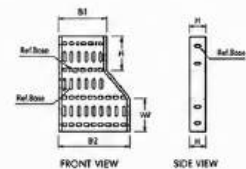
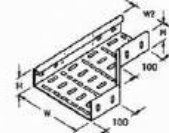
OFFSET STRAIGHT REDUCER



OFFSET RIGHT HAND REDUCER



OFFSET LEFT HAND REDUCER



CABLE TRAYS



**SKYLINE POWER
PRIVATE LIMITED**

MATERIAL FINISH FOR PERFORATED CABLE TRAYS



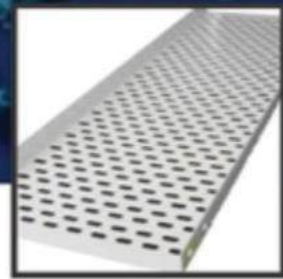
Hot Dip Galvanized



Pre Galvanized



Powder Coated



MS Painted

Available in customized sizes, designs, and thicknesses to meet specific project requirements.

Perfectly suited for insulated electrical and data cables used in power distribution, control systems, and commercial, industrial, or residential building applications.

Engineered with premium-quality materials to ensure exceptional durability, reliable functionality, superior strength, and maximum safety.



CABLE LADDER

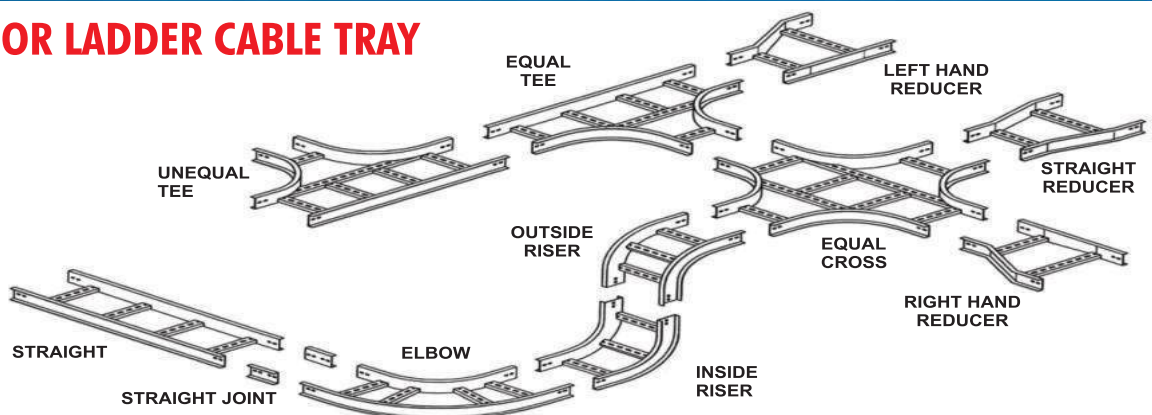


**SKYLINE POWER
PRIVATE LIMITED**



LADDER CABLE TRAY

ACCESSORIES FOR LADDER CABLE TRAY



RING MAIN UNIT

An RMU works by connecting multiple electrical feeders in a ring configuration, allowing power to flow from more than one direction. It includes load break switches and a circuit breaker or fuse system that controls and protects the outgoing supply to distribution transformers. In case of a fault, the faulty section is isolated while the rest of the system continues to operate, ensuring uninterrupted power supply and improved system reliability.

APPLICATION

- Industrial power systems
- Commercial building supply
- Residential distribution networks
- Utility substations operation

KEY FEATURES

- Provides reliable ring-type power distribution
- Ensures continuous supply even during faults
- Compact, metal-enclosed and safe design
- Includes load break switches and protection devices



Pole Mounted Transformer



Skyline Power (Pvt.) Ltd. offers a comprehensive range of high-quality distribution transformers engineered to deliver reliability, durability, efficiency, and long-term performance across utility, industrial, and commercial applications.

Our oil-immersed distribution transformers are manufactured in accordance with the most demanding industry requirements and international standards, ensuring dependable operation and superior service life.

Conforming Standard:	DDS-84:2020 , IEC-60076 Part 1 to 5
Basic Insulation Level:	95 kV/110kV
Temperature Rise Limits:	As per relevant IEC/NTDC Pakistan standards
Short Circuit With Stand Capability:	As per relevant IEC/NTDC Pakistan standards
Class of Insulation:	Class A
Insulation Oil:	Mineral Oil as per relevant IEC/NTDC Pakistan standards No. IEC 60296 & 60422
Cooling Method:	Oil Natural Air Natural (ONAN)
Types of Tanks	a) Free breathing with conservator b) Hermetically sealed without conservator



Dry Type Transformer

A Dry-Type Transformer is an electrical transformer that utilizes air or other environmentally friendly insulation and cooling media instead of liquid oil. Designed for enhanced safety, reliability, efficiency, and ease of maintenance, dry-type transformers provide a dependable and environmentally responsible solution for modern power distribution.

Key Features of Dry Type Transformers:

01 Air-Cooled Design:

- Uses air for cooling instead of oil, which reduces the risk of fire and environmental hazards.
- Equipped with vents to allow heat dissipation, or in some cases, forced-air fans for additional cooling.

03 Low Maintenance:

- Dry type transformers require minimal maintenance due to their sealed design and absence of oil, eliminating concerns of oil leaks or disposal.

02 Insulation:

- Common insulation materials include epoxy, resin, and varnish that provide moisture protection and electrical insulation.
- Typically includes Class F (155°C) or Class H (180°C) insulation ratings for enhanced thermal performance.

04 Compact and Versatile:

- Can be installed indoors or close to load centers without specialized containment, reducing energy losses associated with long cable runs.



Applications of Dry Type Transformers:

Commercial & 01 Institutional Buildings:

Hospitals, schools, data centers, and office buildings.

02 Industrial Plants:

Ideal for factories, refineries, and other industrial sites where safety and reliability are critical.

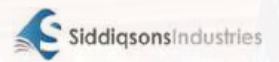
03 Renewable Energy:

Used in wind and solar power installations due to their minimal environmental impact.

OUR CLIENTS



**SKYLINE POWER
PRIVATE LIMITED**





**SKYLINE POWER
PRIVATE LIMITED**

Contact Us

Factory 99-B Sundar Industrial Estate II, Lahore.

+92-301-4999151

+92-302-4663302

+92-300-4403242

+92-321-6600342

info@skylinepower.com.pk

www.skylinepower.com.pk