



# INFRA POWER SOLUTIONS

## ELECTRICAL & MECHANICAL WORKS

AN ISO 9001-2015 CERTIFIED COMPANY



### Mfrs. & Specialist

- ⑩ LT Electrical Panels (PCC, MCC, APFC, Distribution Panels)
- ⑩ HT Electrical Panels up to 11KV/ KV
- ⑩ DG Control & Synchronization panels
- ⑩ PLC, VFD & Automation Panels
- ⑩ Electrical EPC Works (Supply, Installation & Commissioning)
- ⑩ Operation, Maintenance & AMC Services
- ⑩ LED Lighting Solutions (All Types)
- ⑩ Street Lights
- ⑩ Flood Lights
- ⑩ Highbay & Industrial Lights
- ⑩ Customized LED Fixtures

**Power** Solutions  
That Perform



## HT & LT Electrical Power & Lighting Solutions

Main LT Panels | APFC | DG Synchronization | HT VCB | Testing & Commissioning  
• Industrial Lighting

PAN India Services • Quality • Safety • Reliability



“Empowering **Infrastructure,**  
**Electrifying Solutions.**”

## ABOUT US

Infra Power Solutions was founded in 2015 and has grown rapidly as an EPC contractor and service provider. We offer complete electrical power solutions from generation to distribution and electrification across India. We work with Government, PSU, EPC and private sector companies, delivering cost-effective, reliable and standard-compliant systems.

### Converting *Reality* Requirements to

- PLC, SCADA System, Automation Panel
- MCC & PCC, APFC, DB, AC/DC Drive Panel
- AMF, DG Synchronization Panels
- LT Panel, HT Panel, 11KV, 33KV Etc.
- All Electrical Solution
- Transformers Electrical Contracting (EPC)
- LED Lighting (All Type)
- AMC Services

### Vision & Mission

To become a leading company providing world-class power generation, distribution and electrification solutions with complete customer satisfaction.

To provide innovative, reliable and affordable turnkey electrical solutions from generation to distribution and electrification.

Our Company Policy & Values.



Complete range of  
**Electrical**  
standard products



## Who We Are

We deliver complete power solutions that perform. From generation to distribution, we support industries and infrastructure with modern, safe and efficient systems. Infra Power Solutions is a trusted name in electrical and mechanical works. We are an ISO-certified company focused on quality, reliability and innovation. Our team delivers turnkey projects with strong engineering capability and on-time execution.

## Our Company Policy

Company policies and procedures are a set of internal guidelines that establish the rules and expectations of your company. They help you communicate to employees what they can and can't do, and how they should do it.

## Our Values

- Stretch for your customer.
- Be frank & Be honest
- Be obsessed with quality.
- Discover your strength and those of others.
- Work hard, smart and success as a team and as an individual.

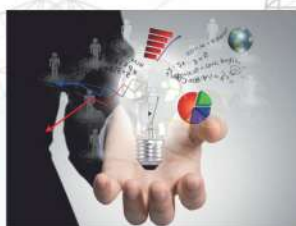
## Our Strengths

- PAN-India execution capability
- In-house design and engineering
- Compliance with IS/IEC standards
- Competitive prices with high reliability
- 24x7 after-sales and AMC support

Your One Stop Rooftop  
**Power Solution.**



Customer Awareness



Innovation



Ethical Value



Team Unit

# Sector We Serve

We "Infra Power Solutions" are manufacturers of all types of electrical panels since 2015. We are one of the best manufacturers in Delhi & NCR for the last 10 years. We are continuously growing with our best quality and customer satisfaction. Our aim is to become a top leader in India in the field of Panel Manufacturing. We believe that the key to success lies in Teamwork, Customer Satisfaction, Innovation, and Ethical Behaviour. Mr. Rahmatullah the Proprietor of Infra Power Solutions



01

## Industrial

We have vital experience of working in Heavy & light Industries.



02

## Resi. & Commercial

We also handover residential projects like.



03

## School & Colleges

We have successfully handover following projects.



04

## Hospitals

We also handover Hospitals projects like.



Complete range of **Electrical standard products**

### OUR MFRG. PRODUCT

- HT/ LT Panel
- Power Factor Panel (APFC)
- A.M.F. & Distribution Panel
- PLC Based Auto Load Management LT Panel
- D.G. Synchronization Panel
- Motor Control Centers (MCC)
- Power Control Centers (PCC)
- Drawout Type MCC Panel
- PLC Panel / VFD Panel
- RTU & FRTU Panel
- Dairy Panel (CIP, Cup Filling & Pasteurizer Panel)
- STP, ETP & WTP Panel
- Electrode & Plat Earthing

### CONTRACTORS

- 33 Kv/11kv Substation
- External Lighting Projects
- HT/LT Cable ITC Project
- Operation And Maintenance Contract
- HT/LT Panel Installation
- Cable Tray / Race Way Laying
- Bus Duct / Rising Mains Installation
- Electrical Panel SITC
- Testing / Commissioning & Relay Calibration
- Solar Power Project

### ENGINEERS

- Project Consultants
- Engineering Drawing
- Preparation of Cost Estimates
- Switch Yard Layout
- Specification of Electrical Equipment
- Inspection of Equipment
- Preparation of RFQ's

# Inspection & Testing at Plant

- Insulation with 1000 mega volts.
- High voltage test 2.5 KV for 1 sec ( 50Hz)
- Functional Test Power coating quality.
- Al & Cu Conductivity ( % IACS )
- KWH calibration.
- Primary injection up to 4000 A.
- Secondary injection.
- Switchgear operational tests.



## We Have All Panel Testing Facilities In House With Following Equipment.

- High Voltage Meter
- Meggar (1000v)
- Multimeter
- Tong Tester
- Voltage Transformer

- Analyzer
- Digital Frequency Meter
- Digital Ampere Meter
- Digital Volt Meter
- Current Transformer

- Controller
- KWH Meter (Load Calculation Meter)
- Digital Harmonics Measuring Meter



# Our Manufacturing Product Range

## MAIN LT CONTROL PANEL

IPS Electrical & Automation Panel's are compartmentalized, bolted construction and custom built to meet the requirements of modern industries, power & other engineering industries. They conform to the relevant specifications.

### CONSTRUCTION

Generally, panels are of cubical construction made out of CRCA sheet steel. Cable Alley in all cubical panels has enough width and spacing so that cable can be easily terminated. Cable entry can be from top and / or bottom of the panel. We also fabricate panel enclosure in IP 42, IP 54 and IP 65.

### COMPARTMENTS

Panels are generally in compartmentalized construction. Each compartment is provided with hinged doors. Sheet metal / bake lite barriers are provided between compartments, bus bar chamber and cable alley to make the panel fully complete safe in operation.

### LT Panel - Draw Out Type

We also manufacturing all type of draw out panels We supply MCC draw out panel to commercial industries for many sites. We make draw out type LT Panel for easy maintenance solution because all circuit mounting plate are fixed on a moving trolley which is easily come out from rack.

### APFC Panel

Most of the commercial and industrial installations in the country have large electrical loads which are severely inductive in nature, such as motors, large machines, air conditioners, drivers etc. which result in a severely lagging power factor. This means loss and wastage of energy and heavy penalties by electricity boards. In case of fixed loads, this can be taken care of by manual switching of capacitors.



## SYNCHRONIZATION CONTROL PANEL



Synchronizing panel the name itself describes its role once you link power source. Means to match, adjust with two or more power magnitude levels. The demand of Synchronizing panels comes into action where power continuity is at priority level. In the conclusion, synchronizing panels is the most important part for critical production industries in LT Panels, panels have proper guideline and specification selection for correct synchronization with grid and dg or PV-DG synchronization, by proper setting of Synchronizing relay and setup of all related data like voltage, ampere, frequency, power factor etc. It can synch DG Set load sharing with main power to reduce power consumption from the utility supply.

## AMF Panels



We offer a wide range of AMF Panels to our respected clients, which are manufactured from high grade quality of raw materials. Customers can avail these from us at industry's best lowest prices. These panels are known for their efficiency and find their application across various industries. These AMF Panels can be customized as per the needs of the clients.

## MCC Panel



MCC Panel is known as Motor Control Center (MCC) that assembly of one or more electrical component containing MCCB, contractor, overload relay, and MPCB. A motor control center can include variable frequency drives, programable controller, and metering and may also be intelligent controller (IMCC Panel). MCC containing very advance most trusted technology as per IEC standard and Indian standard with intelligent drawing designs.



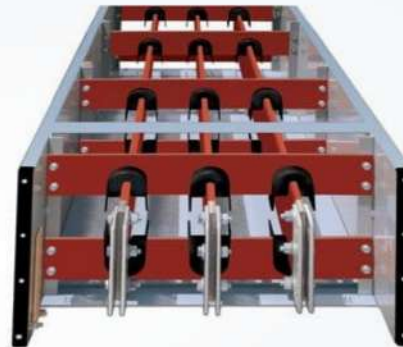
Infra Power

## PANELS

**PCC PANEL**

PCC Panel is a Power Control Center that distributes and manages electrical power for heavy loads, ensuring safe operation, efficiency, protection, and reliable performance in industrial installations.

### Bus Duct / Rising Main Rising Main



We Manufacture All Rating of Aluminum or Copper Bus Duct & Rising Main as per requirement (Starting range from 100 Amp To 6000 Amp.)

### RTU & FRTU Panel



RTU Stands for Remote Terminal Unit. A RTU is a microprocessor based device that monitors and controls field devices, that then connects to plant control or SCADA. RTU system is much more powerful than PLC.



Infra Power  
**H.T. VCB**

**33 KV VCB INDOOR PANEL**

33 KV VCB Indoor Panel provides safe, reliable medium-voltage power control with vacuum interruption, advanced protection, compact design, and high durability for industrial and commercial applications.

**Indoor VCB Panel**



**33 KV Indoor VCB Panel**



**11 KV Indoor VCB Panel**



**Earthing Standard**



**G.I. Earthing Electrode**



**Earthing Compound**



**Copper Earthing Electrode**

F 15:3043-1987 Clause 9.2.8 & 9.3 says... The material selected for Earthing electrode, should exhibit a galvanic potential with respect to the ground as nearly equal to that exhibited by the structure of unprotected condition, the material used be such that it resists the corrosion. Tests in a wide variety of solids have shown that copper is entirely satisfactory and taking the life of copper Earthing as max. 12 years, the average loss is weight of copper, buried for 12 years is 0.2 percent per year and average loss in weight of galvanized steel, a little inferior to copper, 0.5 percent per year.

# Distribution Transformer

## & SERVO STABILIER

We at "Infra Power Solutions" transformers are continuously concerned with providing our client-ship with the best quality transformer service which is reliable in every situation. Rashmi Electricals transformer is a major name in distribution transformer manufacturers in India. Our product is tested on various parameters and manufactured with the use of efficient qualitative material for its proficient functionality.



### Products Range

- Servo Voltage Stabilizer
- Rectifiers
- Distribution Transformer
- OLTC Transformers
- HT. AVR Transformers
- Isolation Transformers
- Solar Transformer
- Other Special Purpose Transformer



Distribution Transformer with Detachable fins



Distribution Transformer Outdoor Type



Distribution Transformer 11 KV / 433 Class (Outdoor Type)



Automatic Voltage Controller (Balance Type with Special Unbalanced/ Control Modules)



300 KVA Automatic Voltage Controller (Balance Type)



Power and Control Cables

# Our Solar Systems

One of the Largest Solar Manufacturers



## FULLY AUTOMATIC PRODUCTION FACILITY



SOLAR  
PV MODULES



COMPLETE O & M  
SUPPORT



SOLAR ON GRID  
RESI. C&I, UTILITY SCALE



SOLAR GRID-TIED  
INVERTER



SOLAR WATER PUMP

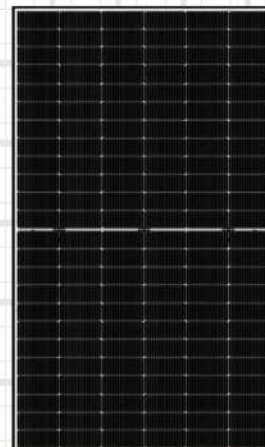
MADE IN   
**INDIA**

Dual Side Power  
Generation →

Additional Efficiency  
& Output →

Anti Reflective  
Coating Glass →

Excellent Durability  
& Reliability →



← Better Performance in  
Cloudy Conditions

← Reduces BOS &  
Installation Cost

← 10 Busbar Solar Cells

# AC & DC Motor

AC & DC motors deliver efficient mechanical power conversion, offering smooth speed control, high reliability, and versatile performance for industrial, commercial, and automation applications. They ensure consistent operation with low maintenance needs, making them ideal for continuous and heavy-duty tasks. Both motor types provide excellent torque characteristics, supporting various load conditions with ease.



**Footwear Machine  
Vertical Type**



**Ac Motor**



**Dc Motor**



**Shunt Motor**



**Separately Excited**



**Compound Motor**



**Pdmc Motor**



**Induction Motor**



**Synchronous Motor**



**Stepper Motor**



**Universal Motor**



**Hysteresis Motor**



**Electric Motor  
Flange Type**



**Electric Motor  
Foot Mounted**



**Water Pump**



**Circulator Fans  
For Poultry**

# Industrial & Commercial Lighting Solutions

Experience the perfect blend of premium quality and contemporary design with our exquisite LED lights.

**Illuminate.  
Inspire.  
Elevate.**



## About Infra Power Lighting Division

Infra Power Solutions provides energy-efficient, reliable, and high-performance industrial and commercial LED lighting solutions for factories, warehouses, infrastructure projects, and commercial spaces. Our lighting solutions are designed to deliver maximum illumination, energy savings, long life, and low maintenance, meeting industrial standards and project requirements.

### Our Lighting Solutions

- LED High Bay Lights  
Suitable for factories, warehouses, workshops
- High lumen output
- Energy efficient
- Long operational life
- Low maintenance  
LED Low Bay Lights Ideal for production areas and assembly lines
- Uniform light distribution
- Reduced power consumption  
LED Flood Lights Used for outdoor areas, yards, parking, facades
- High brightness
- Weather-resistant design
- Suitable for industrial & commercial use  
LED Street Lights
- Roads, industrial campuses, parking areas
- Energy efficient
- Long life LEDs
- Minimal maintenance
- Industrial LED Lighting
- Manufacturing plants
- Power plants
- Substations
- Harsh environment applications

### Lighting Design & Services

- Lighting layout design
- Lux level calculation
- Energy saving solutions
- Supply & installation
- Testing & commissioning
- Retrofit & replacement of conventional lights
- Applications
- Industrial Plants
- Warehouses
- Manufacturing Units
- Infrastructure Projects
- Commercial Buildings
- Parking & Outdoor Areas
- Why Choose Infra Power Lighting
- Energy Efficient Solutions
- Industrial Grade Products
- Customized Lighting Design
- Professional Installation
- Reliable After-Sales Support
- PAN India Service Network
- Service Coverage
- PAN India Services

# Concealed Light

9 W Round 4



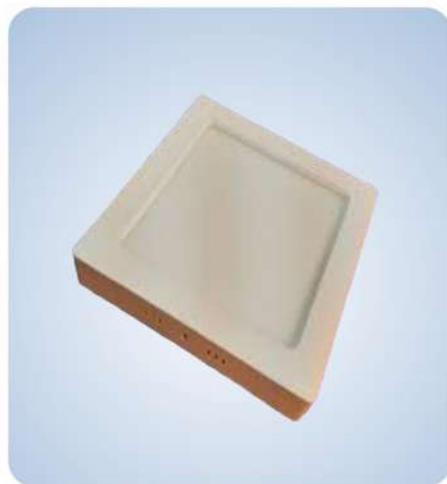
## COB LIGHT

7W - 50W



## SURFACE LIGHT

RD - Sq. 12W - 22W



# Striker Light

RD - Sq. 3W - 7W



## SOLAR LIGHT

30W - 50W - 100W



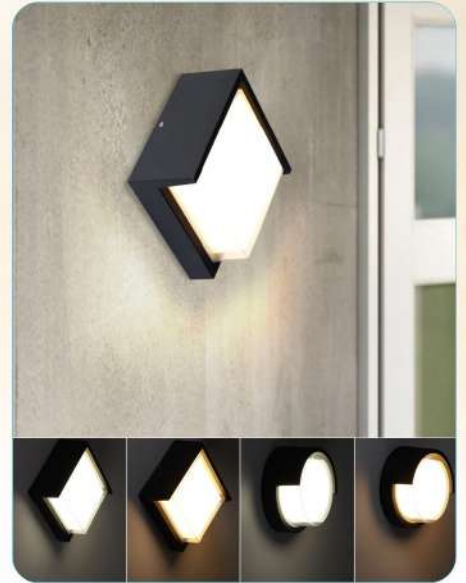
## LINEAR LIGHT

36W - 100W



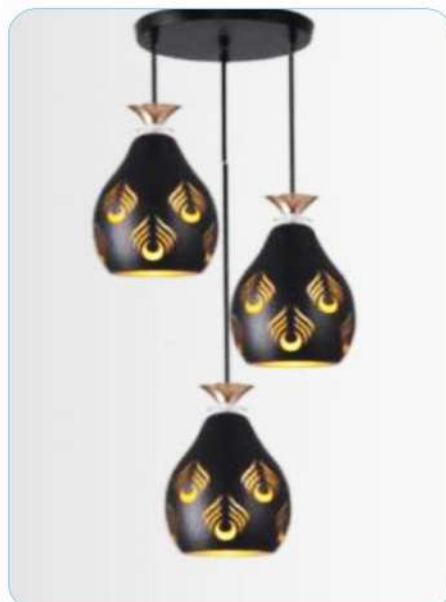
# Wall Lamp Light

2W - 12W



# Hanging Lights

12W - 36W



# Panel Light

12W - 22W



## SPIK LIGHT 5W-18W



# Track Lights

9W - 18W



# Street Light

Lighting the Streets, Securing the Nights

“Where Darkness Ends, Safety Begins”

IPS- Lens LED  
Lens Street Light  
SLL- 5072 to SLS- 100

**Model No.**

IPS- SLL- 5072

IPS- SLF- 50

IPS- SLS- 100



# LED Flood Light

## Efficient and Reliable Outdoor Lighting



IPS- Ginger Model Flood Light 30w to 250w	IPS- LED Down Choke Glass Light 30w to 250w	IPS- Led Down Choke Frame Light 50w to 250w	IPS- Back Choke Light 50w to 250w
Model No.	Model No.	Model No.	Model No.
IPS- GMFL- 30w	IPS- DCFL- 30w	IPS- DCF- 50w	IPS- BCFL- 50w
IPS- GMFL- 50w	IPS- DCFL- 50w	IPS- DCF- 100	IPS- BCFL- 100w
IPS- GMFL- 100w	IPS- DCFL- 100w	IPS- DCF-250w	IPS- BCFL- 200w
IPS- GMFL- 150w	IPS- DCFL- 200w		
IPS- GMFL- 250w			

IPS- Square Lens Flood Light 50w to 200w	IPS- LED Star Lens Flood Light 50w To 200w	IPS- LED Well Glass 50w to 100w	IPS- LED- Street Light 30w to 150w
Model No.	Model No.	Model No.	Model No.
IPS- SQFL- 50w	IPS- STFL- 50w	IPS- WG- 40w	IPS- SLG- 30w
IPS- SQFL- 100w	IPS- STFL- 100w	IPS- H- FL- 50w	IPS- SLG- 50w
IPS- SQFL- 200w	IPS- STFL- 200w	IPS- H- FL- 100w	IPS- SLG- 60w
		IPS- SLG-80w	IPS- SLG- 80w
		IPS- SLL-5072w	
		IPS- SLF- 50w / IPS -SLF	



**IPS**  
INFRA POWER SOLUTIONS

85%  
2

**STICKER Light**

High Brightness | High CRI | Energy Saving | Smart Appearance | Long Working Life

**IPS**  
INFRA POWER SOLUTIONS

85%  
2

**LED PANEL**  
High Quality LED Luminaires

Panel Light

High Brightness | High CRI | Energy Saving | Smart Appearance | Long Working Life

**IPS**  
INFRA POWER SOLUTIONS

85%  
2

**LED PANEL**  
High Quality LED Luminaires

Surface Light

High Brightness | High CRI | Energy Saving | Smart Appearance | Long Working Life

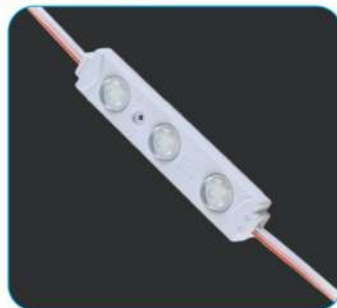
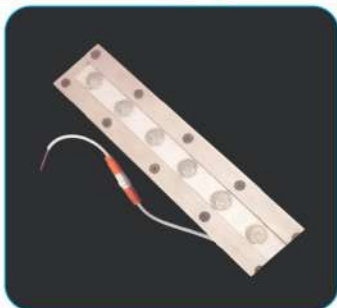
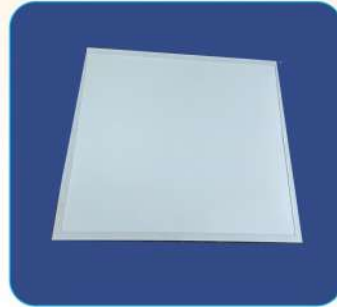
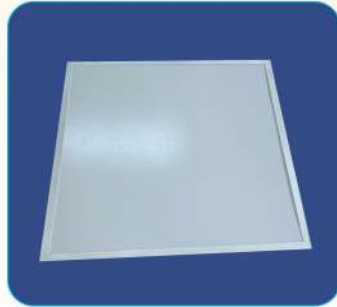
**IPS**  
INFRA POWER SOLUTIONS

85%  
2

**LED PANEL**  
High Quality LED Luminaires

CONCEALED Light

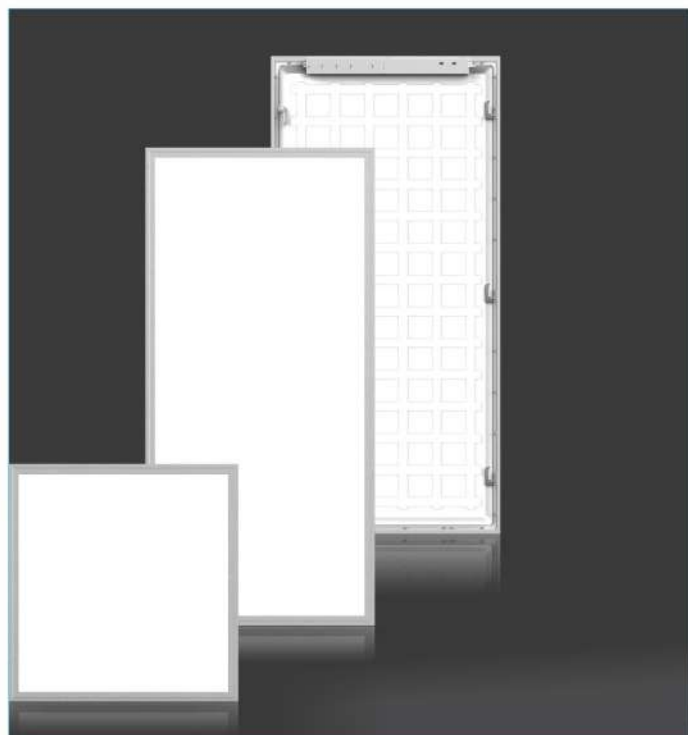
High Brightness | High CRI | Energy Saving | Smart Appearance | Long Working Life





## LED PANEL LIGHT

22W - 50W





"Empowering  
Infrastructure,  
Electrifying Solutions."



**INFRA POWER SOLUTIONS**

Registrar office

## INFRA POWER SOLUTIONS

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Abul Fazal Enclave- 2, Jamia Nagar, Okhla New Delhi, India- 110025, India

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Corporate Office

## INFRA POWER SOLUTIONS

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(Near Johri Enclave Metro Station Pillar No. 50, Jawahar Nagar Industrial Area,

( Delhi Loni Saharanpur Road )

Branch office

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