



PVR POWER ENERGY PVT LTD

WE WIN BY MAKING THE CUSTOMER WIN

MANUFACTURER OF POLYMERIC COMPOSITE INSULATORS



About Us

50+ Years Experience

PVR Power Energy Pvt Ltd, is headquartered in Madurai Tamil Nadu, India and our parent company was established in 1974 is one of the reputed and Leading Organizations, engaged in Manufacturing, Supplying, Exporting and Trading a Wide range of Electrical products with Optimum Quality.

Today our firm has gained a prominent market position as a Manufacturer, Exporters and Suppliers of Power Generating sets of Overhead transmission line-material like Ring Main Unit (RMU), Vacuum Circuit Breaker (VCB), Compact Sub-Station (CSS), Air Break Switch, Load Break Switch, HTMC Metering Cubicle Panel, Disconnecting Switch, Lighting Arrester, Isolator, Drop Out Fuse, Horn Gap Fuse, Discharging Rod, Operating Rod, Earthlings Electrode, Earthlings Material, High-tension Switchgear, Overhead, Line Materials, Sub-Station Equipment, ACSR Conductor, AAAC Conductor, Polymer Insulator, Porcelain Insulator, Shock Proof Equipment / Fire Safety Equipment, Aluminum Clamp & Connector, Aluminum Ladder, Street Light Pole in India

VISION

Excel in domestic and international market with commitment to quality, environment safety, cost control and scheduled delivery by constantly upgrading our self, our team, our product and services to become a globally respected company. Therefore, we will make our region a best industrial area with constant attention to product innovation and technology in India.

Mission

Create user & eco-friendly product which are cost effective, time saving and with advanced technology for a safe electrical world and sustainable in all whether condition. We are manufacturing product by following social and Government directions to deliver all over the world. We provide fair, transparent dealing with customers, directors and investors. Our motive is to deliver the quality product on given time period with impeccable services.

Our Product Range

Distribution Class Composite Insulators

- Composite Pin Insulators
- Composite Disc Insulators
- Composite Post Insulators

Transmission Class Composite Insulators

- 66 kV Composite Long Rod Insulators
- 132 kV Composite Long Rod Insulators
- 220 kV Composite Long Rod Insulators

Polymer Railways Insulators

- 22 kV Composite Stay Arm Insulators
- 22 kV Composite Bracket Insulators
- 22 kV Composite 9 Tonne Insulator
- 22 kV Composite Operating Rod Insulator
- 22 kV Composite Post Insulator

Polymer Drop Out Fuse Insulator

- 11 kV Drop Out Fuse Insulator
- 22 kV Drop Out Fuse Insulator
- 33 kV Drop Out Fuse Insulator

Polymer Lightning Arrester

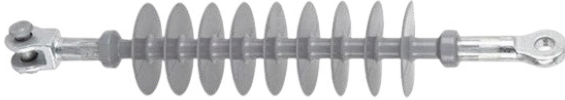
- 11 kV Lightning Arrester
- 33 kV Lightning Arrester

Composite Polymer Pin Insulator



Nominal Systems Voltage (kV)	11	22	33
Rated System Voltage (kV)	12	24	36
Frequency Rating (Hz)	50	50	50
Section Length (mm)	400	480	550
Minimum Failing Load (kN)	5	5&10	10&12
Creepage Distance (mm)	320	665	900/1200
Dry Power Frequency Withstand Voltage (kV)	65	85	120
Wet Power Frequency Withstand Voltage (kV)	45	55	95

Composite Polymer Disc Insulator



Nominal Systems Voltage (kV)	11	22	33
Rated System Voltage (kV)	12	24	36
Frequency Rating (Hz)	50	50	50
Section Length (mm)	300	460	540
Minimum Failing Load (kN)	45 & 70	45,70 & 90	70,90 & 120
Creepage Distance (mm)	320	665	900/1200
Dry Power Frequency Withstand Voltage (kV)	65	85	120
Wet Power Frequency Withstand Voltage (kV)	45	55	95
Type of End Fitting	B&S,T&C, Dead End	B&S,T&C	B&S,T&C

Composite Polymer Post Insulator



Nominal Systems Voltage (kV)	11	22	33
Rated System Voltage (kV)	12	24	36
Frequency Rating (Hz)	50	50	50
Section Length (mm)	254	450	508
Minimum Failing Load (kN)	5	5&10	10&12
Creepage Distance (mm)	320	665	900/1200
Dry Power Frequency Withstand Voltage (kV)	65	85	120
Wet Power Frequency Withstand Voltage (kV)	45	55	95
Pitch Circle Diameter	57	57,76	76

Composite Long Rod Insulator



Nominal Systems Voltage (kV)	66	132	220
Rated System Voltage (kV)	72,5	145	245
Frequency Rating (Hz)	50	50	50
Section Length (mm)	870 ±28	1450 ±42	2030 ±56
Minimum Failing Load (kN)	90,120	90, 120, 160	120, 160, 210
Creepage Distance (kV/mm)	35,40	35,40	35,40
Standard	IEC 61109:2008	IEC 61109:2008	IEC 61109:2008

Polymer Drop Out Fuse Insulator



Nominal Systems Voltage (kV)	11	22	33
Rated System Voltage (kV)	12	24	36
Section Length (mm)	275±10	360±20	570±25
Minimum Failing Load (kN)	5	5&10	10&12
Creepage Distance (mm)	320	600	900/1200
Dry Power Frequency Withstand Voltage (kV)	65	85	120
Wet Power Frequency Withstand Voltage (kV)	45	55	95
No of Sheds	3&3	5&5	10&10

Polymer Lightning Arrester



Nominal System Voltage (kV)	9	30
Nominal Rated Voltage (kV)	11	33
Frequency Rating (Hz)	50	50
Class	Distribution	Distribution
Nominal Discharge Current	5kA	10kA
Creepage Distance (mm)	320	970
Standard	IEC 60099-4	IEC 60099-4



Types of Insulators	Polymer Stay Arm Insulator	Polymer Bracket Insulator	Polymer 9 Tonne Insulator	Polymer Operating Rod Insulator	Polymer Post Insulator
Nominal Systems Voltage (kV)	22	22	22	22	22
Rated System Voltage (kV)	24	24	24	24	24
Frequency Rating (Hz)	50	50	50	50	50
Section Length (mm)	485±10	550±10	540±10	547±10	420±10
Minimum Failing Load (kgf)	7000	7000	11000	2200	6000
Creepage Distance (mm- Minimum)	1050	1050	1050	1050	1050
Dry Power Frequency Withstand Voltage (kV)	110	110	110	110	110
Wet Power Frequency Withstand Voltage (kV)	100	100	100	100	100
Standard	IEC 61109:2008	IEC 61109:2008	IEC 61109:2008	IEC 61109:2008	IEC 61109:2008

Our Goal

We are committed to fostering a culture of sustainability and environmental responsibility in all aspects of our operations. With a dedicated team of professionals and a clear vision, we are confident in reaching our ambitious goals and making a positive impact in the industry.



Our strategic plan aims to increase order inflow and revenue over 200 crores by 2028.



Increase the production with new technology and we are launching 4 new products in distribution side.



Slowly and gradually, we widened our scope and area of operation all over India and overseas countries.



Developing infrastructural facilities with upgraded Machinery for faster product innovation and technology, creating more employer opportunities.

CERTIFICATION & APPROVAL



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NSIC

MSME
सूक्ष्म, लघु एवं मध्यम उद्यम
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