



COMPANY

ABOUT



We E-KORS Private Limited as feel proud to introduce ourselves as manufacturer of our own brand 'KORS' for Earthing, Lightning Arrester, Array Junction Boxes. We also offering Solar BOS and Complete EPC that include System design, supplying and Installation of Complete Solar system. Our organization is engaged in supplying and providing services, a comprehensive range of Earthing Electrodes, Lightning Arrester, and its relevant material asper residential, industrial, and commercial requirements.

OUR PRODUCTS

- 1 Maintenance Free Earthing:
- 2 Conventional Earthing
- 3 Lightning Protection System
- 4 Surge Protection Devices
- 5 Cable Tray
- 6 Walkway
- 7 MC4 Connector
- 8 Rubber Mat/Sleeves
- 9 Cleaning Module System-Manual

- 10 Receptacles – Static Earthing
- 11 Weather Monitoring System, Ambient Temperature, Remote Sensor
- 12 Pipe
- 13 Cable Ties
- 14 Cables & Wires
- 15 Strips & Flats
- 16 Modules Structures & Inventers

CONTACT US TODAY FOR A FREE CONSULTATION!

GET IN TOUCH

Phone: +91-9711127989,+91-9870262345
Email: info@kors.co.in, sales@kors.co.in
Website: www.ekors.co.in

Address: Pole No. 02, Sector 115,
Noida – 201307 (UP)



AIR TERMINAL

ESE

SIRA 60

1

MANUFACTURER: PARATONEX
(Turkey, Europe)

2

ISO CERTIFICATION: ISO 9001:
2015

3

MODEL: SIRA 60

4

MATERIAL: Stainless Steel –
SS316

5

TECHNOLOGY: Early Streamer
Emission (ESE)

6

COLOUR: Silver

7

TRIGGERING TIME (ΔT): 60 μ
sec

8

DIMENSIONS: Length / Height =
600 mm
Central Portion = 200 mm dia
Pick Up Rod (Top Portion) = 20
mm dia

9

WEIGHT: 2.1 kgs

10

PROTECTION RADIUS: 107 MTRS
(Level – IV)

11

STANDARD: NFC 17-102-2011

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We have supplied advance lightning
arrester solution for projects exceeding 500
MW in capacity.



TEST CERTIFICATE OF SIRA 60:

HIZAL HIGH VOLTAGE AND HIGH CURRENT
ELECTRIC TEST – NFC17- 102(2011)

Standard Annexe C
Tested on

1. Mechanical Test
2. Environmental Test
3. Current Impulse Test
4. Early Emission Delta T Test



TAURA 60

ESE

- MANUFACTURER: E-Kors Pvt Ltd
- ISO CERTIFICATION: ISO 9001 : 2015
- MODEL: TAURA 60
- MATERIAL: Stainless Steel (SS 316 L)
- TECHNOLOGY: Early Streamer Emission (ESE)
- COLOUR: SS-Silver
- Wavelength Tested: 8/20 μ s
- TRIGGERING TIME (ΔT): 60 μ sec
- Length / Height = 540 mm
Central Portion = 165 mm dia
Pick Up Rod (Top Portion) = 20mm dia
- Weight: 1.95 Kgs
- Protection Radius: 107 MTRS (Level - IV)
- Standard: NFC 17-102- 2011
- Tested At: CPRI Bangalore
- Impulse Current (8/20 μ s): 70 KA

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Our **TAURA 60** is Made In India, manufactured by E-Kors. Taura 60 is certified and tested by CPRI Bangalore. TAURA 60 is Stainless Steel





PTX6 / STRIKERX

1

MANUFACTURER: PARATONEX
(Turkey, Europe)

2

ISO CERTIFICATION: ISO 9001:
2015

3

MODEL: PTX6 / STRIKERX

4

DISPLAY: 6 Digits

5

IMPULSE CURRENT: 100 KA
(8/20 μ S)

6

TECHNOLOGY:
Electromechanical (Non
resettable)

7

DIMENSIONS: 160 mm (L) X 90
mm (W) X 60 mm (H)

8

WEIGHT: 850 gms

9

STANDARD: NFC 17-102-2011

10

TESTING FACILITY: Yes (Testing
Jack on the side)

11

TYPE TEST CERTIFICATE : HIZAL
LAB

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Our strike counter is used in lightning protection systems to monitor and record the occurrence of lightning strikes. It helps track the number of times a lightning protection system has been activated by a strike, which is crucial for maintenance and assessing the system's effectiveness.

STRIKE COUNTER

LIGHTNING





Lightning Arrester-GI

SPIKE



SPIKE LA-GI

- 1 MANUFACTURER: E-Kors Pvt. Ltd.
- 2 IS STANDARD: IS 3403
- 3 MODEL: KORS/SLA/GI
- 4 MATERIAL DESCRIPTION: GI Spike LA
- 5 GALVANIZATION: Min 50 Micron
- 6 SPIKE: 5 Spikes – 50 mm length each having dia of 6 mm
- 7 Dia of Rod : 14mm to 25mm
- 8 LENGTH : 1, 2, 3 Mtr
- 9 BASE STAND: GI PLATE

10

MOUNTING ARRANGEMENT: As per site positioning

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Our spike lightning arrester (GI) is used to protect electrical systems and equipment from lightning strikes and transient voltage spikes. We provide customizable Lightning arrester, as per client requirement. We use high quality to prevent corrosion and increase durability.



LA- COPPER
BONDED

SPIKE



SPIKE LA- COPPER BONDED

1

MANUFACTURER: E-Kors Pvt. Ltd.

2

IS STANDARD: IS 3403

3

MODEL: KORS/SLA/CBR

4

MATERIAL DESCRIPTION: CBR Spike LA

5

COPPER BONDING: Min 50 Micron

6

SPIKE: 5 Spikes – 50 mm length each having dia of 6 mm (Or as per Customization)

7

Dia of Rod : 14mm to 25mm

8

LENGTH : 1, 2, 3 Mtr

9

BASE STAND: CBR or PVC PLATE

10

MOUNTING ARRANGEMENT: As per site positioning

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Our spike lightning arrester (CBR) is used to protect electrical systems and equipment from lightning strikes and transient voltage spikes. We provide customizable Lightning arrester, as per client requirement. We use high quality to prevent corrosion and increase durability.



Copper Bonded Rod

40.2 X 3 MTR

- **Product:** KORS Plus
- **IS STANDARD:** IEC62561-7
- **CHEMICAL COMPOSITION:** STANDARD
- **RESISTIVITY VALUE:** 0.12 OHM PER METER
- **MELTING TEMPERATURE:** 1084 DEGREE CENTIGRATE
- **SPECIFIC GRAVITY:** 2.6
- **PH VALUE:** 7.89
- **WEIGHT OF CHEMICAL USED/EARTHING PIT:** 1 bag of 25 kg

- **MANUFACTURER:** EKORS PVT. LTD.
- **IS STANDARD:** IS3043
- **MODEL:** 4030 CBR
- **MATERIAL DESCRIPTION:** COPPER BONDED ROD
- **PRODUCT:** Maintenance Free Chemical Earthing
- **MICRON:** 250 Micron Copper Bonding
- **EARTHING FAULT CAPACITY:** 25 KA & Peak fault current at 40 KA for 1 sec
- **DEVIATION OF EARTHING VALUE WITH RESPECT TO TIME:** <.02% / YEAR
- **Rod :** High Tensile Low Carbon MS Rod
- **Dia of Electrode:** 40.2 MM
- **LENGTH & WEIGHT OF ELECTRODE:** 3000 MM & 31.18 KG
- **STANDARD:** IEC 62305 / IS 3043
- **CONNECTION TERMINAL:** 4G CLAMP
- **Terminal Connector:** 4G CLAMP – 75 X 10 X 200 MM with 4 Holes of M10

- **SOLUTBILITY IN WATER:** 3.54
- **Colour:** Grey/Black
- **MAIN CAUTION:** Sodium
- **MOSITURE CAPACITY AT 105 DEGREE:** 10%
- **Test Certificates:** ROHS CERTIFIED

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A copper bonded rod is a type of grounding rod used in electrical and lightning protection systems to establish a low-resistance path to the ground. It is designed to safely dissipate electrical currents, such as those caused by lightning strikes or electrical faults, into the earth, thereby protecting both people and equipment from electrical hazards



COPPER ROD

25 mm Dia

- **Product:** KORS Plus
- **IS STANDARD:** IEC62561-7
- **CHEMICAL COMPOSITION:** STANDARD
- **RESISTIVITY VALUE:** 0.12 OHM PER METER
- **MELTING TEMPERATURE:** 1084 DEGREE CENTIGRATE
- **LOSS IN IGNITION:** 22.4%
- **PH VALUE:** 7.6
- **ENVIRONMENTAL EFFECTS:** Eco Friendly

- **PROMOTED & MARKETED BY:** E-KORS PVT. LTD.
- **PRODUCT:** Copper Rod
- **MODEL:** CR2520
- **MATERIAL DESCRIPTION:** COPPER ROD
- **PURITY:** 90%
- **IS STANDARD:** IS3043
- **EARTHING FAULT CAPACITY:** 25 KA & Peak fault current at 50 KA for 1 sec
- **DEVIATION OF EARTHING VALUE WITH RESPECT TO TIME:** <0% / YEAR
- **Rod :** Pure Copper Rod
- **Dia of Electrode:** 25 MM
- **LENGTH ELECTRODE:** 1, 2, 3 mtr
- **STANDARD:** IEC 62305 / IS 3043
- **CONNECTION TERMINAL:** M8 Inbuilt Hole
- **No. of Fins:** 5
- **RESISTIVITY VALUE:** Depends on soil resistivity
- **TECHNOLOGY:** Pure Copper

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A copper rod is a cylindrical piece of copper, commonly used in various electrical, industrial, and construction applications due to its excellent conductivity, corrosion resistance, and malleability.





Copper Bonded

**ROD
25mm**

- **Product:** KORS Plus
- **IS STANDARD:** IEC62561-7
- **CHEMICAL COMPOSITION:** STANDARD
- **RESISTIVITY VALUE:** 0.12 OHM PER METER
- **MELTING TEMPERATURE:** 1084 DEGREE CENTIGRATE
- **LOSS IN IGNITION:** 22.4%
- **PH VALUE:** 7.6
- **ENVIRONMENTAL EFFECTS:** Eco Friendly

- **PROMOTED & MARKETED BY:** E-KORS PVT. LTD.
- **PRODUCT:** Maintenance Free Chemical Earthing
- **MODEL:** CR2530
- **MATERIAL DESCRIPTION:** COPPER BONDED ROD
- **MICRON:** 250 Micron Copper Bonding
- **IS STANDARD:** IS3043
- **EARTHING FAULT CAPACITY:** 30 kA rms for 1.0 s & 75 kA peak
- **DEVIATION OF EARTHING VALUE WITH RESPECT TO TIME:** <.02% / YEAR
- **Rod :** High Tensile Low Carbon MS Rod
- **Dia of Electrode:** 25.2 MM
- **LENGTH ELECTRODE:** 1, 2, 3 mtr
- **STANDARD:** IEC 62305 / IS 3043
- **CONNECTION TERMINAL:** Inbuilt Clamp
- **TERMINAL CONNECTOR:** 75 X 6 X 175 MM COPPER BONDEDSTRIP
- **RESISTIVITY VALUE:** Depends on soil resistivity
- **TECHNOLOGY:** ELECTROMOLECULAR PROCESS

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Our Copper Bonded Rod 25mm X 3 mtr rod is CPRI certified at peak current of 30 kA rms for 1.0 s & 75 kA peak refers to a grounding rod made from a steel core, which is coated with a 250-micron thick layer of copper. The "250-micron" specification indicates the thickness of the copper coating, which ensures durability, corrosion resistance, and high electrical conductivity.

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Copper Bonded

ROD (17.2 X 3 MTR)

- **Product:** KORS Plus
- **IS STANDARD:** IEC62561-7
- **CHEMICAL COMPOSITION:** STANDARD
- **RESISTIVITY VALUE:** 0.12 OHM PER METER
- **MELTING TEMPERATURE:** 1084 DEGREE CENTIGRATE
- **SPECIFIC GRAVITY:** 2.6
- **PH VALUE:** 7.89
- **ENVIRONMENTAL EFFECTS:** Eco Friendly

- **MANUFACTURED BY:** DOKSHAM POWER SOLUTIONS PVT LTD
- **PROMOTED & MARKETING BY:** E-KORS PVT. LTD.
- **PRODUCT:** Maintenance Free Chemical Earthing
- **MODEL:** 1730 CBR
- **MATERIAL DESCRIPTION:** COPPER BONDED ROD
- **MICRON:** 250 Micron Copper Bonding
- **IS STANDARD:** IS3043
- **EARTHING FAULT CAPACITY for 3 mtr:** 15kA rms for 1.0 s & 30kA peak
- **DEVIATION OF EARTHING VALUE WITH RESPECT TO TIME:** <.02% / YEAR
- **Rod :** High Tensile Low Carbon MS Rod
- **Dia of Electrode:** 17.2 MM
- **LENGTH ELECTRODE:** 1, 2, 3mtr
- **STANDARD:** IEC 62305 / IS 3043
- **CONNECTION TERMINAL:** 4G Clamp
- **TERMINAL CONNECTOR:** 4G-Clamp 50 X 5 X 150 MM with 4 holes of M8
- **RESISTIVITY VALUE:** Depends on soil resistivity
- **TECHNOLOGY:** ELECTROMOLECULAR PROCESS

- **SOLUBILITY IN WATER:** 3.54
- **COLOUR:** Grey/Black
- **MAIN CAUTION:** Sodium
- **MOSITURE CAPACITY AT 105 DEGREE:** 10%
- **WEIGHT OF CHEMICALUSED/EARTHING PIT:** 1 BAG OF 25 KG
- **TEST CERTIFICATES:** ROHS Certified

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A Copper Bonded Rod 17.2 x 3 mtr is CPRI certified at peak current of 15kA rms for 1.0 s & 30kA peak is a type of grounding rod designed for electrical and lightning protection systems. The rod is made with a steel core that is coated with a layer of copper, offering a combination of strength, conductivity, and corrosion resistance. The dimensions 17.2 x 3 Meter represent the length and diameter of the rod, both of which influence its performance and application.



CHEMICAL

COMPOUND

- **Graphite Powder:** 50%
- **Iron Oxide Powder :** 15%
- **Aluminum Powder :** 5%
- **Copper Oxide Powder :** 5%
- **Ammonium Chloride :** 5%
- **Montemeillonite Powder :** 10%
- **Carbon Powder :** 10 %

SURROUNDING FILLING MATERIAL (KORS- PLUS)

- **PRODUCT:** KORS-Plus
- **TEST STANDARD:** IEC 62561-7:2011
- **CHEMICAL COMPOSITION:** Standard
- **RESISTIVITY VALUE :** 0.12 OHM per meter
- **SPECIFIC GRAVITY:** 2.6
- **PH VALUE:** 7.6
- **SOLUBILITY IN WATER:** 0.78 (IS:3025-57 (2025))
- **COLOR:** Black/Ash
- **MAIN CAUTION:** Sodium
- **MOSITURE CAPACITY AT 105 DEGREE:** 10%
- **WEIGHT OF CHEMICALUSED/EARTHING PIT:** 1 BAG OF 25 KG
- **WATER ABSORBING CAPACITY:** 20 Times
- **ENVIRONMENTAL EFFECTS:** Eco Friendly
- **TEST CERTIFICATES:** ROHS Certified

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A chemical bag is a specialized container designed to store, transport, and handle chemicals safely. These bags are used in various industries such as pharmaceuticals, agriculture, food processing, and manufacturing, where the handling of hazardous or non-hazardous chemicals is common.

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BOS KIT

- MC-4 Connector
- ACDB
- DCDB
- Cables & Wires
- Insulator
- Ferrule
- Cable Tray
- Fire Extinguisher
- Foam Based
- Street Light
- J-Clamp
- Earthing Name Plate

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BOS

ITEMS



Our Solar Balance of System (BoS) Kit consists of all other items required in solar installations outside of the above mentioned components. A typical BoS kit consists of MC-4 Connectors, Cable Tray, ferrule, Insulator, DCDB, ACDB and so on...





SOLAR STRUCTURES PANEL

Solar Panels:

- Waaree
- Premier
- Sova
- Jakson
- TATA
- Adani
- SOVA
- Vikram Solar
- SAATIVK

Inverters:

- Growatt
- Hopewind
- Solis
- Sun Grow
- SNS Corporation
- SMA

Solar Structure:

- Single Window Solution
- Designing
- Supplying
- Commissioning
- Installation

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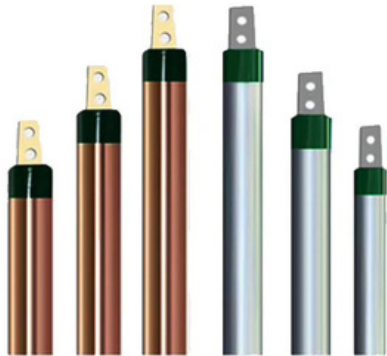
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A solar panel is a device that converts sunlight into electricity by using photovoltaic (PV) cells. PV cells are made of materials that produce excited electrons when exposed to light. These electrons flow through a circuit and produce direct current (DC) electricity, which can be used to power various devices or be stored in batteries. Solar panels are also known as solar cell panels, solar electric panels, or PV modules.





OUR MOTTO

We have a vision of promoting the concept of electrical safety in general among the users of electricity which is today a neglected sector. In fact we emphasize selection of right size of earthing for right application and ensure that minutest details are followed during the installation so the results obtained are uniform and satisfactory.

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CONCLUSION

Earthing, Lightning Protection are a very essential and vital part of Electrical, Electronics & Communication systems and without proper and sound earthing, human being, and equipment are always in danger of losing their lives and value. Unfortunately, it is a neglected area as well. The people, in most cases, do not realize its importance and take it for granted that their electrical earthing system is very sound / proper and it will remain as forever. In today's scenario when reach of electricity is spreading in almost all walk of life and is being used widely than ever before. It is our duty to enlighten the masses about the importance of electrical earthing system so that precious human lives and equipment can be saved.