

OVER PRODUCT BROCHURE 2025



JK AUTOMATION

" WE MAKE GOOD WE PROVIDE GOOD "



*JK FCM MODEL AGAINST:

- HIGH VOLTAGE PROTECTION (Equipment Safety),
- Un-wanted OVER VOLTAGE or HIGH VOLTAGE SPIKES PROTECTION,
- THREE PHASING PROTECTION TO INSTRUMENTS,
- GROUND FAULTS DETECTION,
- OVER LOAD PROTECTION,
- OVER VOLTAGE CUTOFF ,
- POWER WASTAGE DETECTION.
- **USE IN FARM , FARM HOUSE , HOTEL , ALL AGRICULTURE AREA.**

*FEATURES OF PRODUCT:

- SALVER COT NOD RELAY ,
- PHASE CHANGE LED Indication,
- Auto Phase Change Micro Controller Circuit,
- Degree of Protection=IP 20,
- Built In 100A Copper Conductive Connector Block,
- Corrosion Proof Coated Metal Cabinet.

*TECHNICAL DETAILS:

- Rated Current Relay : 40-63-80A,
- Operating Range: 100-440 V AC,
- Rated Residual Operating Time : 0.1S,
- LOW VOLTAGE - 110
- HIGH VOLTAGE - 300

WARRANTY: 6 MONTH
(As per warranty Terms & Condition.)

MODAL FCM

Amp..

Price in ₹

40 Amp

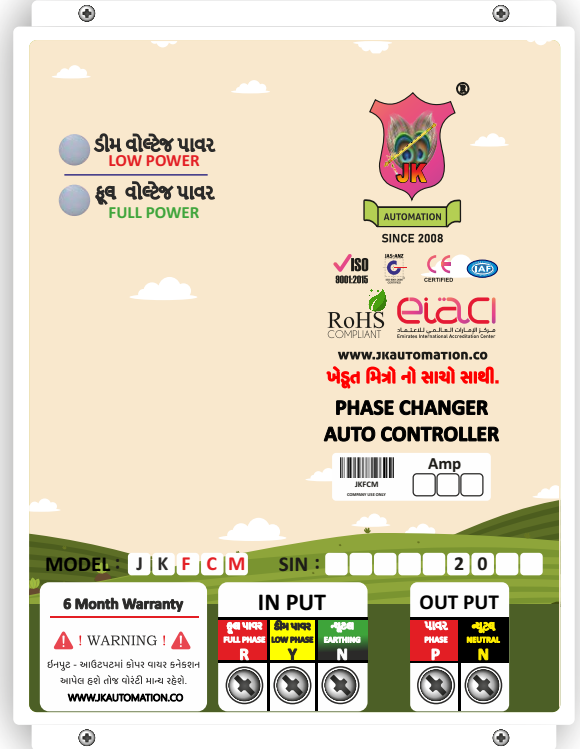
3900.00 ₹

63 Amp

4900.00 ₹

80 Amp

5900.00 ₹



*JK FLCPC MODEL AGAINST:

- HIGH VOLTAGE PROTECTION (Equipment Safety),
- Un-wanted OVER VOLTAGE or HIGH VOLTAGE SPIKES PROTECTION,
- THREE PHASING PROTECTION TO INSTRUMENTS,
- GROUND FAULTS DETECTION,
- OVER LOAD PROTECTION,
- OVER VOLTAGE CUTOFF ,
- POWER WASTAGE DETECTION.
- **USE IN FARM , FARM HOUSE , HOTEL , ALL AGRICULTURE AREA.**

*FEATURES OF PRODUCT:

- SALVER COT NOD RELAY ,
- PHASE CHANGE LED Indication,
- Auto Phase Change Micro Controller Circuit,
- Degree of Protection=IP 20,
- Built In 100A Copper Conductive Connector Block,
- Corrosion Proof Coated Metal Cabinet.

*TECHNICAL DETAILS:

- Rated Current Relay : 40-63A,
- Operating Range: 100-440 V AC,
- Rated Residual Operating Time : 0.1S,
- LOW VOLTAGE - 110
- HIGH VOLTAGE - 300

MODAL FLCPC

30 Amp

3300.00 ₹

40 Amp

3700.00 ₹



*LW HVPPC + HIGH VOLTAGE PROTECTION MODEL PROVIDE PROTECTION AGAINST:

- HIGH VOLTAGE PROTECTION (Equipment Safety),
- 3 PHASE + EARTHING PROTECTION,
- SHORT CIRCUIT UP TO 10KA (As Per Wire Size with Respect to MCB Ratings),
- Un-wanted OVER VOLTAGE or HIGH VOLTAGE SPIKES PROTECTION,
- THREE PHASING PROTECTION TO INSTRUMENTS,
- GROUND FAULTS DETECTION,
- OVER LOAD PROTECTION,
- OVER VOLTAGE TRIPPING,
- POWER WASTAGE DETECTION.
- And Other Silent Features (All Protection not Working in By-pass Mode),
- **USE IN FARM , FARM HOUSE , HOTEL , ALL AGRICULTURE AREA.**

*FEATURES OF PRODUCT:

- SALVER COT NOD RELAY ,
- PHASE CHANGE LED Indication,
- Emergency By-Pass Facility (Safety Functions not working in bypass mode),
- Auto Phase Change Micro Controller Circuit,
- Degree of Protection=IP 20,
- Built In 100A Copper Conductive Connector Block,
- Corrosion Proof Coated Metal Cabinet.

*TECHNICAL DETAILS:

- Rated Current Relay : 40-63-80A,
- Number of Poles : 1 (ISI MCB Designed by German Technology),
- Rated breaking capacity :10kA, 220V AC, 50 Hz,
- Operating Range: 100-440 V AC,
- Rated Residual Operating Time : 0.1S,



WARRANTY: 6 MONTH
(As per warranty Terms & Condition.)

MODAL LWPPC

Amp.. **Price in ₹***

40 Amp

6500.00 ₹

63 Amp

7500.00 ₹

80 Amp

9000.00 ₹



*JK FCM 23 PRO MODEL AGAINST:

- HIGH VOLTAGE PROTECTION (Equipment Safety),
- Un-wanted OVER VOLTAGE or HIGH VOLTAGE SPIKES PROTECTION,
- THREE PHASING PROTECTION TO INSTRUMENTS,
- GROUND FAULTS DETECTION,
- OVER LOAD PROTECTION,
- OVER VOLTAGE CUTOFF ,
- POWER WASTAGE DETECTION.
- **USE IN FARM , FARM HOUSE , HOTEL , ALL AGRICULTURE AREA.**

*FEATURES OF PRODUCT:

- SALVER COT NOD RELAY ,
- PHASE CHANGE LED Indication,
- Auto Phase Change Micro Controller Circuit,
- Degree of Protection=IP 20,
- Built In 100A Copper Conductive Connector Block,
- Corrosion Proof Coated Metal Cabinet.

*TECHNICAL DETAILS:

- Rated Current Relay : 40-63A,
- Operating Range: 100-440 V AC,
- Rated Residual Operating Time : 0.1S,
- LOW VOLTAGE - 110
- HIGH VOLTAGE - 300

MODAL LWPPC

40 Amp

4300.00 ₹

63 Amp

4900.00 ₹



*JK FCMM :

- SHORT CIRCUIT UP TO 10KA (As Per Wire Size with Respect to MCB Ratings),
- Un-wanted OVER VOLTAGE or HIGH VOLTAGE SPIKES PROTECTION,
- THREE PHASING PROTECTION TO INSTRUMENTS,
- GROUND FAULTS DETECTION,
- OVER LOAD PROTECTION,
- OVER VOLTAGE TRIPPING,
- POWER WASTAGE DETECTION.
- And Other Silent Features (All Protection not Working in By-pass Mode),
- **USE IN FARM , FARM HOUSE , HOTEL , ALL AGRICULTURE AREA.**

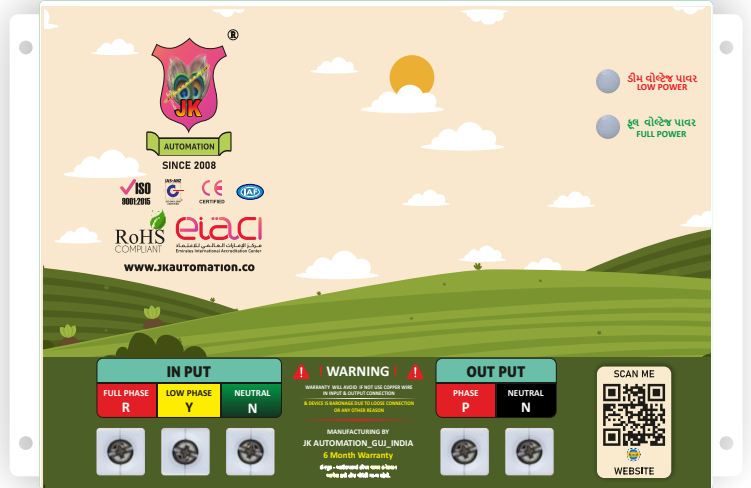
*FEATURES OF PRODUCT:

- SALVER COT NOD RELAY ,
- PHASE CHANGE LED Indication,
- Emergency By-Pass Facility (Safety Functions not working in bypass mode),
- Auto Phase Change Micro Controller Circuit,
- Degree of Protection=IP 20,
- Built In 100A Copper Conductive Connector Block,
- Corrosion Proof Coated Metal Cabinet.

*TECHNICAL DETAILS:

- Rated Current Relay : 40-63-80-100A,
- Rated breaking capacity :10kA, 220V AC, 50 Hz,
- Operating Range: 100-440 V AC,

WARRANTY: 6 MONTH
(As per warranty Terms & Condition.)



MODAL FCMM

Amp..

Price in ₹

40 Amp	4300.00 ₹	80 Amp	5700.00 ₹
63 Amp	4900.00 ₹	100 Amp	6500.00 ₹



MODAL HVPPC

Amp..

Price in ₹

40 Amp	5700.00 ₹	80 Amp	7300.00 ₹
63 Amp	6500.00 ₹	100 Amp	8200.00 ₹

*JK HVPPC + HIGH VOLTAGE PROTECTION MODEL PROVIDE PROTECTION AGAINST:

- HIGH VOLTAGE PROTECTION (Equipment Safety),
- EARTHING PROTECTION,
- SHORT CIRCUIT UP TO 10KA (As Per Wire Size with Respect to MCB Ratings),
- Un-wanted OVER VOLTAGE or HIGH VOLTAGE SPIKES PROTECTION,
- THREE PHASING PROTECTION TO INSTRUMENTS,
- GROUND FAULTS DETECTION,
- OVER LOAD PROTECTION,
- OVER VOLTAGE TRIPPING,
- POWER WASTAGE DETECTION.
- And Other Silent Features (All Protection not Working in By-pass Mode),
- **USE IN FARM , FARM HOUSE , HOTEL , ALL AGRICULTURE AREA.**

*FEATURES OF PRODUCT:

- SALVER COT NOD RELAY ,
- PHASE CHANGE LED Indication,
- Emergency By-Pass Facility (Safety Functions not working in bypass mode),
- Auto Phase Change Micro Controller Circuit,
- Degree of Protection=IP 20,
- Built In 100A Copper Conductive Connector Block,
- Corrosion Proof Coated Metal Cabinet.

*TECHNICAL DETAILS:

- Rated Current Relay : 40-63-80-100A,
- Number of Poles : 1 (ISI MCB Designed by German Technology),
- Rated breaking capacity :10kA, 220V AC, 50 Hz,
- Operating Range: 100-440 V AC,
- Rated Residual Operating Time : 0.1S,



*JK DP-A MODEL PROVIDE PROTECTION AGAINST:

- ELECTRIC SHOCK PROTECTION (Human Safety),
- SHORT CIRCUIT UP TO 10KA (As Per Wire Size with Respect to MCB Ratings),
- Un-wanted OVER VOLTAGE or HIGH VOLTAGE SPIKES PROTECTION,
- TWO PHASING PROTECTION TO INSTRUMENTS,
- GROUND FAULTS DETECTION,
- OVER LOAD PROTECTION,
- EARTH LEAKAGE TRIPPING,
-
- POWER WASTAGE DETECTION.

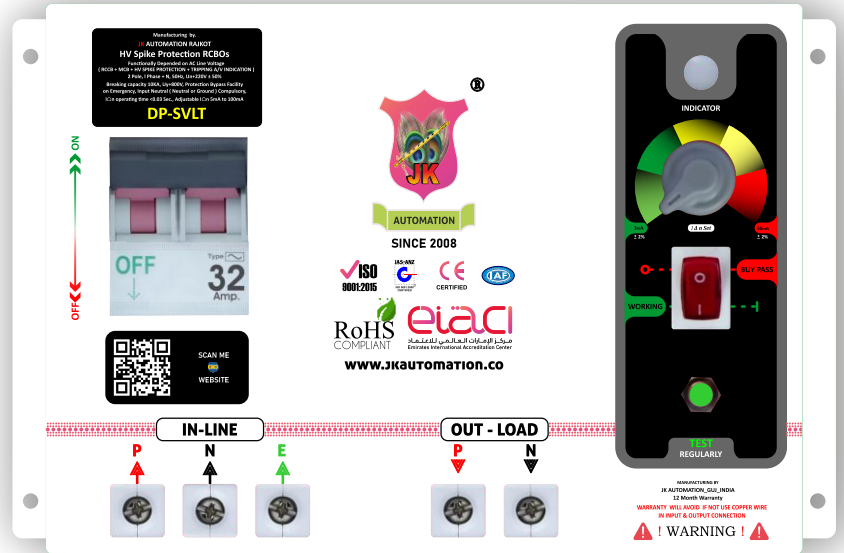
And Other Silent Features (All Protection not Working in By-pass Mode),

*FEATURES OF PRODUCT:

- Time Interval Siren With Timer Up to 3 Minutes,
- Tripping LED Indication,
- Variable Leakage Sensitivity as 5mA to 50mA,
- Emergency By-Pass Facility (Safety Functions not working in bypass mode),
- Degree of Protection=IP 20,
- Built In 100A Copper Conductive Connector Block,
- Corrosion Proof Coated Metal Cabinet.

*TECHNICAL DETAILS:

- Rated Current : B 32-40-63 A,
- Number of Poles : 2 (ISI MCB Designed by German Technology),
- Rated breaking capacity :10kA, 220V AC, 50 Hz,
- Operating Range: 100-290 V AC,



MODAL DP - A

Amp.. Price in ₹®

32 Amp

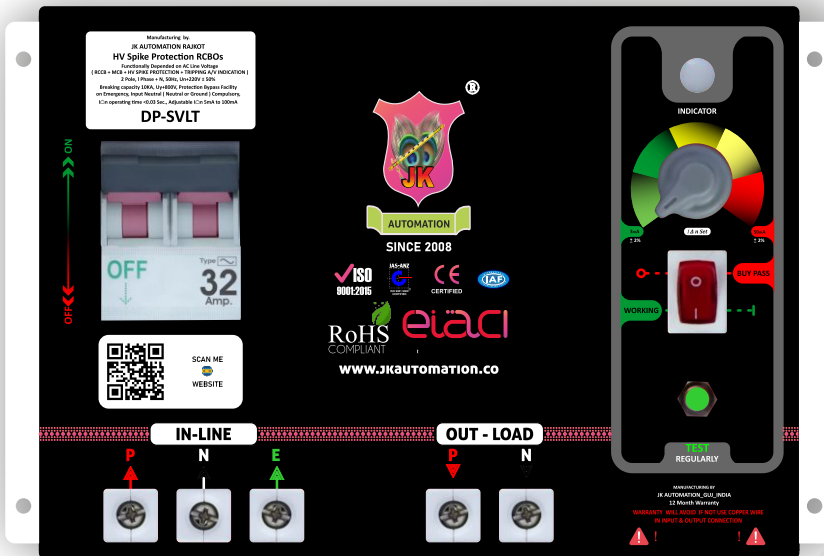
4300.00 ₹

40 Amp

4900.00 ₹

63 Amp

5300.00 ₹



*JK DP-B MODEL PROVIDE PROTECTION AGAINST:

- ELECTRIC SHOCK PROTECTION (Human Safety),
- SHORT CIRCUIT UP TO 10KA (As Per Wire Size with Respect to MCB Ratings),
- Un-wanted OVER VOLTAGE or HIGH VOLTAGE SPIKES PROTECTION,
- TWO PHASING PROTECTION TO INSTRUMENTS,
- GROUND FAULTS DETECTION,
- OVER LOAD PROTECTION,
- EARTH LEAKAGE TRIPPING,
- POWER WASTAGE DETECTION.

And Other Silent Features (All Protection not Working in By-pass Mode),

*FEATURES OF PRODUCT:

- Interval Siren,
- Tripping LED Indication,
- Variable Leakage Sensitivity as 5mA to 50mA,
- Emergency By-Pass Facility (Safety Functions not working in bypass mode),
- Degree of Protection=IP 20,
- Built In 100A Copper Conductive Connector Block,
- Corrosion Proof Coated Metal Cabinet.

*TECHNICAL DETAILS:

- Rated Current : B32-63A,
- Number of Poles : 2 (ISI MCB Designed by German Technology),
- Rated breaking capacity :10kA, 220V AC, 50 Hz,
- Operating Range: 100-290 V AC,
- Rated Residual Operating Time : 0.1S,

MODAL DP - B

Amp.. Price in ₹®

32 Amp

3700.00 ₹

40 Amp

4300.00 ₹

63 Amp

4900.00 ₹



***JK FP - A MODEL PROVIDE PROTECTION AGAINST:**

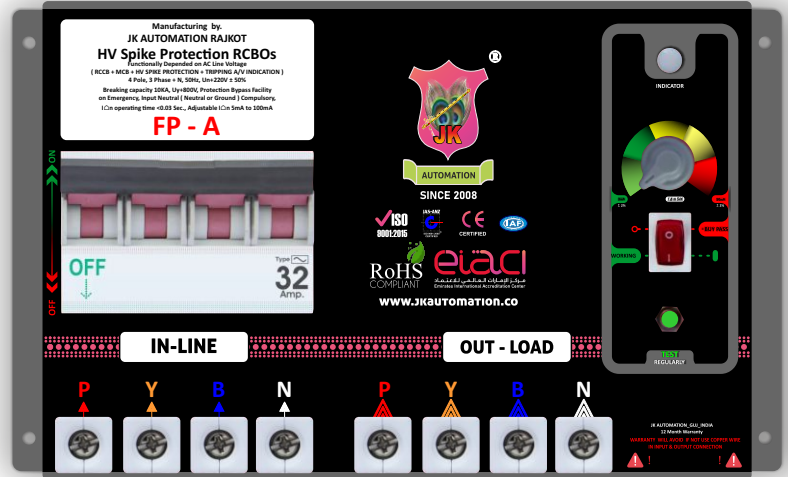
- ELECTRIC SHOCK PROTECTION (Human Safety),
 - SHORT CIRCUIT UP TO 10KA (As Per Wire Size with Respect to MCB Ratings),
 - Un-wanted OVER VOLTAGE or HIGH VOLTAGE SPIKES PROTECTION,
 - THREE PHASING PROTECTION TO INSTRUMENTS,
 - GROUND FAULTS DETECTION,
 - OVER LOAD PROTECTION,
 - EARTH LEAKAGE TRIPPING,
 - POWER WASTAGE DETECTION.
- And Other Silent Features (All Protection not Working in By-pass Mode),

***FEATURES OF PRODUCT:**

- Time Interval Siren With Timer Up to 3 Minutes,
- Tripping LED Indication,
- Variable Leakage Sensitivity as 5mA to 50mA,
- Emergency By-Pass Facility (Safety Functions not working in bypass mode),
- Degree of Protection=IP 20,
- Built In 100A Copper Conductive Connector Block,
- Corrosion Proof Coated Metal Cabinet.

***TECHNICAL DETAILS:**

- Rated Current : B 32-40-63A,
- Number of Poles : 4 (ISI MCB Designed by German Technology),
- Rated breaking capacity :10kA, 220V AC, 50 Hz,
- Operating Range: 100-290 V AC,
- Rated Residual Operating Time : 0.1S,
- Degree of protection : Ip20,
- Tripping type : Instantaneous.



MODAL FP - A

Amp..		Price in ₹®	
32 Amp	5900.00 ₹	40 Amp	6500.00 ₹
		63 Amp	7300.00 ₹

***JK FP MODEL PROVIDE PROTECTION AGAINST:**

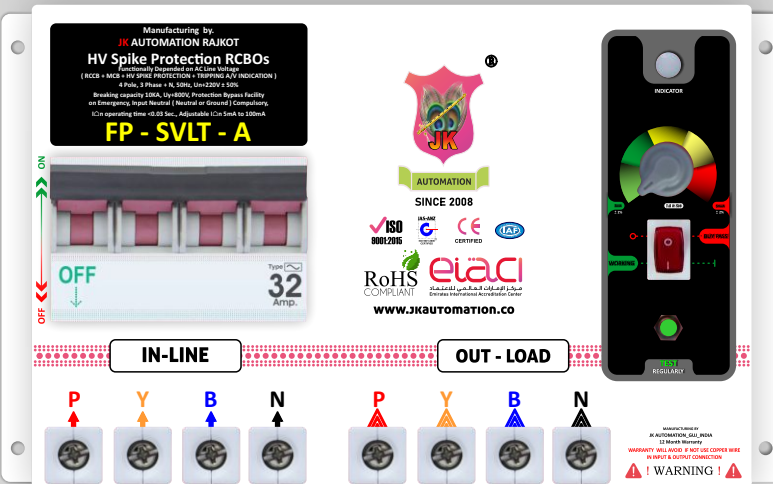
- ELECTRIC SHOCK PROTECTION (Human Safety),
 - SHORT CIRCUIT UP TO 10KA (As Per Wire Size with Respect to MCB Ratings),
 - Un-wanted OVER VOLTAGE or HIGH VOLTAGE SPIKES PROTECTION,
 - THREE PHASING PROTECTION TO INSTRUMENTS,
 - GROUND FAULTS DETECTION,
 - OVER LOAD PROTECTION,
 - EARTH LEAKAGE TRIPPING,
 - POWER WASTAGE DETECTION.
- And Other Silent Features (All Protection not Working in By-pass Mode),

***FEATURES OF PRODUCT:**

- Variable Leakage Sensitivity as 5mA to 50mA,
- Emergency By-Pass Facility (Safety Functions not working in bypass mode),
- Degree of Protection=IP 20,
- Built In 100A Copper Conductive Connector Block,
- Corrosion Proof Coated Metal Cabinet.

***TECHNICAL DETAILS:**

- Rated Current : B 32-40-63 A,
- Number of Poles : 4 (ISI MCB Designed by German Technology),
- Rated breaking capacity :10kA, 220V AC, 50 Hz,
- Operating Range: 100-290 V AC,
- Rated Residual Operating Time : 0.1S,
- Tripping type : Instantaneous.



MODAL FP - B

Amp..		Price in ₹®	
32 Amp	5300.00 ₹	40 Amp	5900.00 ₹
		63 Amp	6500.00 ₹



AUTOMATION

SINCE 2008

ISO
9001:2015

IAS-ANZ
ISO 9001:2015
CERTIFIED

CE
CERTIFIED

IAF

RoHS COMPLIANT **elaci**
مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Center

JK SFG

JK Solar fence Guard is iso certified and government approved.
This Machine output is Auto-cut System.
In this machine HIGH and Low Power Switch Faction.
This machine Is operated on 12 Volt DC And Solar 12 Volt DC.
This machine 1 Year Company Warranty.

Range	20 Acre 0 To 50 Bigha / 4 line
Battery in put	12Amp / 12Volt Amaron Battery.
Solar Input	20 Watt / 14 Volt JK SOLAR Panel.
Battery Backup	2 / 3 Days on 12Amp Battery.
Siren System	No Available in This Modal.



Price in : 12,999.00 ₹ All Tex Including

JK 01

JK Solar fence Guard is iso certified and government approved.
This Machine output is Auto-cut System.
In this machine HIGH and Low Power Switch Faction.
This machine Is operated on 12 Volt DC And Solar 12 Volt DC.
This machine 1 Year Company Warranty.

Range	20 Acre 0 To 50 Bigha / 4 line
Battery in put	12Amp / 12Volt Amaron Battery.
Solar Input	20 Watt / 14 Volt JK SOLAR Panel.
Battery Backup	2 / 3 Days on 12Amp Battery.
Siren System	Available in This Modal.



Price in : 14,499.00 ₹ All Tex Including

IS 302/2/76



CM/L -7600188215



AUTOMATION

SINCE 2008

ISO
9001:2015

IAS-ANZ
G
ISO 9001:2015
CERTIFIED

CE
CERTIFIED

IAF

RoHS COMPLIANT
elaci
مركز الإمارات العالمي للاعتماد
Emirates International Accreditation Center

JK 02

JK Solar fence Guard is iso certified and government approved.
This Machine output is Auto-cut System.
In this machine HIGH and Low Power Switch Faction.
This machine Is operated on 12 Volt DC And Solar 12 Volt DC.
This machine 1 Year Company Warranty.

Range	40 Acre 0 To 100 Bigha / 4 line
Battery in put	18Amp / 12Volt Amaron Battery.
Solar Input	20 Watt / 14 Volt JK SOLAR Panel.
Battery Backup	2 / 4 Days on 18Amp Battery.
Siren System	Available in This Modal.



Price in : 18,499.00 ₹ All Tex Including

JK 3 PRO

JK Solar fence Guard is iso certified and government approved.
This Machine output is Auto-cut System.
In this machine HIGH and Low Power Switch Faction.
This machine Is operated on 12 Volt DC And Solar 12 Volt DC.
This machine 1 Year Company Warranty.

Range	60 Acre 0 To 150 Bigha / 4 line
Battery in put	26Amp / 12Volt Amaron Battery.
Solar Input	30 Watt / 14 Volt JK SOLAR Panel.
Battery Backup	5 / 7 Days on 26Amp Battery.
Siren System	Available in This Modal.



Price in : 22,499.00 ₹ All Tex Including

IS 302/2/76



CM/L -7600188215



AUTOMATION

SINCE 2008



RoHS COMPLIANT **elac**
 مركز الإمارات للعتماد
 Emirates International Accreditation Center

JK 04 PRO

JK Solar fence Guard is iso certified and government approved.
 This Machine output is Auto-cut System.
 In this machine HIGH and Low Power Switch Faction.
 This machine Is operated on 12 Volt DC And Solar 12 Volt DC.
 This machine 1 Year Company Warranty.

Range	100 Acre 0 To 250 Bigha / 4 line
Battery in put	26Amp / 12Volt Amaron Battery.
Solar Input	30 Watt / 14 Volt JK SOLAR Panel.
Battery Backup	5 / 7 Days on 18Amp Battery.
Siren System	Available in This Modal.



Price in : 29,999.00 ₹ All Tex Including

JK 05 PRO

JK Solar fence Guard is iso certified and government approved.
 This Machine output is Auto-cut System.
 In this machine HIGH and Low Power Switch Faction.
 This machine Is operated on 12 Volt DC And Solar 12 Volt DC.
 This machine 1 Year Company Warranty.

Range	100 Acre 0 To 250 Bigha / 4 line
Battery in put	26Amp / 12Volt Amaron Battery.
Solar Input	30 Watt / 14 Volt JK SOLAR Panel.
Battery Backup	5 / 7 Days on 18Amp Battery.
Siren System	Available in This Modal.



Price in : 32,499.00 ₹ All Tex Including

IS 302/2/76



CM/L -7600188215

SOLAR FENCE GUARD

Over Top Brands



Profile

JK Automation is a leading manufacturer of Solar Fence Guard, Agriculture Phase changer & Phase changer with High Voltage Protraction, Electronics Rectifier, Residual Current Circuit Breakers with Overcorrect Protection (RCBOs) based in Rajkot, Gujarat.

At JK Automation, we are dedicated to pioneering the forefront of electrical safety technology. With a commitment to innovation and excellence, we specialize in the design, manufacturing, and distribution of Solar Fence Guard, RCCB, ELCB, RCBO, Phase Changer, Timer and a range of other electrical safety products.

Our Main Products Are:

- Solar Fence Guard
- ELCB+MCB (ROBOT)
- Insulator
- Electronics Rectifier
- Auto Phase Changer
- Solar Penal

We Are Committed To Achieve Customer Satisfactions By Supplying Quality Product To Meet Customers Requirements And Do Continual Improvement In All Type Of Resource.

About The Owner & Our Team

Company Is Rapidly Growing Under Experience Leadership Of MR. ARVIND PATEL And MR. KEVAL PATEL. Innovative And Expansion Focussed Leadership Has Strong Support Of Dedicated Team of Quality Managers, Research And Development Experts And Lab Experts.

Vision

To Deliver Quality, Powerful, Energy Saving & Efficient Product With Customer Service Oriented Approach.

Why Work With Us

- Customer Support & Service Is Our Priority
- Large Production Capacity
- Electric Power Saver Products
- Better Efficiency , Mor Power
- Best Quality & Powerful R&D
- Timely Delivery

We Listen, We Discuss, We Advise And We Deliver.

Mission

With Our Advanced Technology And Engineering Team We Will Ensure That Our Business Solutions Deliver Client's Requirements And Make The Foot Print In The Revolution Of Renewable Sector.

Follow us on:

JK Automation JKAutomation JK Automation_RJ JK Automation Rajkot

MR.ARVIND PATEL & MR.KEVAL PATEL (PROPRIETOR)

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