



POWER CONDITIONERS

Consistent and Quality Protection for your sensitive equipment

Servo Stabilisers
IoT Servo Stabilisers
Isolation Transformers

KRYKARD is the MOST TRUSTED Power Conditioning brand in India, by Industry, Corporate as well as OEMs, to protect their sensitive and critical equipment.

KRYKARD Servo Stabilisers have set the standard in the industry for product design, quality and service in over 4,00,000 installations over the decades.

Atandra's experience of a wide range of innovative product and integrated solutions for power measurement, protection, backup and energy conservation is available on one platform.

5 REASONS TO CHOOSE KRYKARD

1

Experience Unmatched

Product performance proven over 35 years, 4 Lakh installations, Pan-India presence, installations for diverse applications

2

Designed to Perform

CE certified, CPRI tested, ENC (Defence) Empaneled, High MTBF, Lowest Life-Cycle Ownership Cost

3

Designed with Care

CNC Fabricated Chassis, Microprocessor Controlled System, LCD, Smaller Foot-print - Aesthetics that match international standards

4

Best-in-class Service Support

Highest levels of Customer Service Satisfaction, Cloud based Service portal and engineer mobile App for monitoring and service reports

5

Extensive Network to Serve

40+ Service centres, 100+ trained Engineers
15+ Sales centres, 25+ Channel partners



Applications

- CNC machine tools
- Injection Moulding machines
- Textile machines - Spinning, Weaving, Knitting, Embroidery, Garments manufacturing
- Printing machines
- Medical equipment
- Food Processing machines
- Air Conditioning

Key Features

- Designed as per IS 9815 (Part 1) 1994
- Microprocessor controlled true RMS sensing
- LCD display for Voltage, Current and Frequency
- Comprehensive protections - UV, OV, OL, Single-phasing, Phase Reversal
- Advanced features as options- frequency trip, input high voltage trip

Model Range

- Air-cooled - AU range upto 500 kVA
- Oil-cooled - OU range upto 4000 kVA
- Indoor/Outdoor models
- Residential - AR/OR range for 1ph loads
- UPS bypass - 3ph IN; 1ph OUT
- 1 phase - upto 20 kVA

FEATURES	3 Phase Unbalanced Air cooled (AU/AR Models)	3 Phase Unbalanced Oil cooled (OU/OR Models)
Rating (kVA)	3-500	3-4000 (OU)/ 15-500 (OR)
Type of Cooling	Air	Oil
Input Voltage Range (V L-L)*	310-480 / 340-480 / 360-460	
Output Voltage (V L-L)*	415 (380V/400V - optional)	
Output Voltage Regulation	1% of nominal output voltage	
Input Frequency Range	47Hz – 53Hz	
Efficiency	>97%	
Effect of Load Power Factor	Nil	
Waveform Distortion	Nil	
Type of Servo Control	Micro controller based True RMS sensing and correction	
Servo Motor Drive	Triac based drive for AC Step Synchronous motor	
Under/Over Voltage Cutoff*	Electronic cutoff circuit with graded time delay, set @+5% /-10% of nominal output voltage	
Overload Cutoff*	CT based Electronic cutoff circuit with graded time delay set @ 110% of rated full load current	
Short Circuit Protection	MCB / MCCB provided upto 100 kVA HRC fuse provided for 125-200 kVA	
Single Phasing Prevention	Provided in AU/OU models only; Not provided in the AR/OR models	
Phase Reversal Trip	Provided in AU/OU models only; Not provided in the AR/OR models	
Stabiliser Bypass	Provided up to 50 kVA 3-phase; Optional>50 kVA	
Transient Suppression	Spike Suppression through MOV is provided (Surge Arrestor is optional)	
Emergency Off Switch	Provided in AU/OU models only; Not provided in the AR/OR models	
Frequency Cut Off Protection	Optional	
Input High Voltage Trip	Optional	
Resetting Mode	Manual/Auto option provided with programmable time delay	
Display Type	2 Line LCD Panel	
Parameters Displayed	Input & Output Voltages (Line & Phase), Output Currents & Frequency	
Input/Output Terminations	Bolted Terminals up to 100kVA, Busbar 125kVA and above	
Standards	IS 9815 (Part - 1): 1994	

*Custom Specifications Possible



KRYKARD brings to you an innovative Servo Controlled Voltage Stabiliser (SCVS) with the latest Internet of Things (IoT) based monitoring tool to help you reduce Energy Consumption, Operating Cost and increase uptime.

Applications

- Factory Incomer
- Factory Departments
- Group Load Incomer
- Commercial Building Incomer
- Hospital & Hotel Incomer
- Retail stores / Offices

Model Range

- The IoT Servo Stabiliser is available in ratings of 150 kVA and above.

Key Features

- Designed as per IS 9815 (Part 1) 1994
- Microprocessor controlled true RMS sensing
- LCD display for Voltage, Current and Frequency
- Comprehensive protections - UV, OV, OL, Single-phasing, Phase Reversal
- Advanced features as options- frequency trip, input high voltage trip

SAVE ENERGY

**Track daily energy
consumption**

Set energy targets

Monitor deviations

**Monitor PF and
load variations**

**Monitor night time
wastages**

**Get alarms for low
PF**

SAVE TIME

**Receive daily
energy reports on
your mobile app**

**Save engineer's
time for data
collection**

IMPROVE PERFORMANCE

**Monitor stabiliser
performance**

**Monitor
unbalances**

**Get alarms for
stabiliser TRIP**

**Get alarms for
low/high voltage
and overload**



Isolation Transformers are critical equipment in the power supply chain of every industry and work 24/7 in most cases. The quality and efficiency of transformers therefore are very critical and make a significant difference to the industry both in terms of uptime and energy costs. Considering the importance of this, we are offering innovatively designed efficient transformers that help industries through superior performance.

Applications

- Additional protection for CNC Machines, Medical equipment, etc.

Model Range

- K-rated Isolation Transformers
- Ultra Isolation Transformers
- Galvanic Isolation Transformers
- Step-up/Step-down Transformers

Key Features

- Meets IS 11171 1985 dry type transformer efficiency standards
- Efficient designs using Class H insulation
- Triple shielded for high common mode noise attenuation [Ultra Isolation Transformer Model]
- Excellent transverse mode noise attenuation
- Optional TVSS for Load transient protection
- Multi-tap options available
- Low impedance and low temperature rise

PARAMETER	3-Phase	1-Phase/2-Phase
Rating (kVA)	3kVA to 3500kVA	1kVA to 20kVA
Reference Standard	IS 11171 : 1985 (Reaffirmed 2006)	
Type of Transformer	Floor mounted, natural air-cooled/ oil-cooled (depending on rating)	Dry type, floor mounted, natural air-cooled
Configuration	Delta / star 1:1 (or as per user specification)	1:1 (or as per user specification)
Default Vector Group	Dyn11	
Type of Lamination	CRNO / CRGO	
Load Regulation	Better than 3%	
Class of Insulation	Class H	
Efficiency	3 - 12 kVA (>95%) > 15 kVA (>97%) At rated input voltage and at 100% rated current of loads that are linear	
Insulation Strength	Withstands 2.5kV for 1 minute (between windings & between windings and body)	
DC Galvanic Isolation	>1000 Mega Ohms - for UIT >100 Mega Ohms - for GIT	
Common Mode Noise Rejection (for UIT only)	Up to 10kHz > 100dB 10kHz to 50 kHz > 60dB 50 kHz to 1 MHz > 40dB	
Short Circuit Protection	HRC fuse at input provided as a standard upto 200kVA	
Indications	LED Lamps for Output Presence	
Housing	Sheet metal housing provided with Input/Output terminations	
Standards	IS 2026 Standards	

*Custom Specifications Possible

On-time & qualitative service has always been a key area of strength for us. We have now gone one step further with KRYKARD Care. Today, we offer all our customers a completely digitised service experience, right from service call logging to closure.

Advantages of KRYKARD Care



40+ Service Centres across India



100+ Trained Service Engineers for quick response



Committed Response time <6 working hours



Cloud based In-house Developed Service Monitoring System



eFSR- Electronic Field Service Report



Mobile App based Service Reporting



Comprehensive Services for Non-KRYKARD products



Only Corporate to offer Direct Services

Dedicated Portal Access for Large Customer Accounts

- Dedicated portal for large customers with multiple user access
- Complete data of all stabiliser units under service available
- Facility to download any completed service report in PDF format
- History of invoices submitted and payments made
- Transparent interface to track the quantitative and qualitative aspects of field service provided

Our Service Process - from Call to Closure





SOME OF OUR ESTEEMED CLIENTS

KRYKARD®



Enriching Lives



Atandra Energy Pvt. Ltd., based in Chennai, India, is built on a platform of over 35 years experience in the area of Power and Energy Management.

Leading Brand

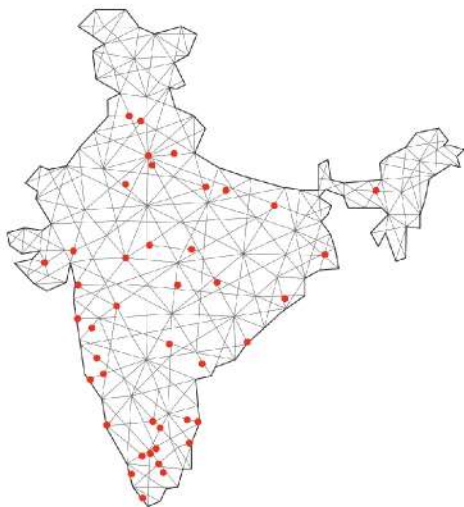
We offer solutions to industrial and commercial establishments under our popular brand KRYKARD. With over 4,00,000 installations of Power Conditioners and over 1,50,000 installations of Portable and Panel Load Managers, KRYKARD is one of the leading brands in India, in Energy Management.

Our Facilities

- An ISO 9001:2015 Certified factory
- CE Certified Power Conditioning Products
- R&D departments for Embedded designs, Power Electronics and Electro magnetics
- A Software Development department to design, develop and customise Energy Management Software.

With over 300 employees and a network of 40+ locations across India, we are equipped to reach and service the needs of our customers.

Our Sales/Service Locations in India



Ahmedabad | Aurangabad | Bangalore | Belgaum | Bhopal | Bhubaneswar | Chandigarh | Chennai
Coimbatore | Delhi | Dindigul | Erode | Faizabad | Faridabad | Goa | Guntur | Guwahati | Hosur
Hyderabad | Indore | Jabalpur | Jaipur | Kochi | Kolhapur | Kolkata | Lucknow | Ludhiana | Madurai
Mangalore | Moradabad | Mumbai | Nagpur | Patna | Pondicherry | Pune | Raipur | Rajkot | Surat
Tirupur | Tiruttani | Trivandrum | Visakapatnam

Uninterrupted Power Supply

- Online 1-Phase UPS
- Online 3/1 High Frequency UPS
- Online 3-Phase High Frequency UPS
- Online 3-Phase TX based UPS



Energy Management Systems

- High Accuracy Energy & PQ Meters
- Cloud and Local Server options
- Water, Air, Gas, Electricity & Steam measurements
- Specific Energy Consumption tracking



ALENSEFT



Test & Measurement Products

Electrical Measurements

- PQ Analysers
- Digital Multimeters
- Clamp Meters



Thermal Measurements

- Thermal Imagers
- Infrared Thermometer



Safety Measurements

- Digital Insulation testers
- Installation Testers
- Earth Clamp Meter





Atandra Energy Private Limited
(ISO 9001:2015 Certified Company)

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Mangalore | Moradabad | Mumbai | Nagpur | Patna | Pondicherry | Pune | Raipur | Rajkot | Surat
Tirupur | Tiruttani | Trivandrum | Visakapatnam

OUR DEALER