KRYKARD®

INDIA'S **NO.1** **POWER** CONDITIONING **BRAND**

POWER CONDITIONERS

Power Quality you can Trust

PCE | March 2025

atandra
measure. protect. conserve

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ABOUT **US**

Atandra Energy Pvt. Ltd., headquartered in Chennai, draws upon a rich foundation of more than 39 years of expertise in the realm of Power & Energy Management.

We offer solutions to industrial and commercial establishments under our popular brand KRYKARD. With over 5,00,000 installations of Power Conditioners and over 1,50,000 installations of Portable and Panel Load Managers, KRYKARD is one of the leading brands in Power Conditioning & Energy Management.

Our Servo Stabilizers and Transformers have obtained CE certification, providing our customers with the assurance that these products adhere to rigorous global health, safety, and environmental protection standards.

We have the following facilities:

- R&D department for Power Electronics and Electro-magnetics.
- Software Development department for energy management software and Industry 4.0 solutions.

Our organization has the following certifications:
ISO 9001:2015 | 14001 – 2015 | 45001 – 2018 | 50001

State-of-the-art facilities empower us to address the requirements of Indian industries comprehensively, effectively and efficiently, ensuring they derive maximum benefits from the power conditioning & energy management solutions we provide.

With a taskforce of around 450 employees and an extensive network of sales and service branches nationwide, we are well-equipped to seamlessly reach out to our customers and fulfil their needs.

MANUFACTURER OF SERVO STABILISERS

100+ SERVICE CENTERS

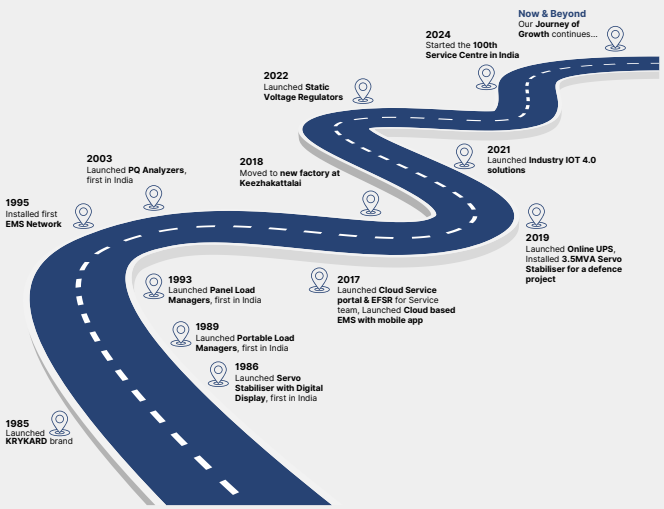
PREFERRED SUPPLIER OF LARGE CORPORATES & OEM'S

CE CERTIFIED PRODUCTS

39 YEARS EXPERIENCE

OUR **NETWORK**

OUR **JOURNEY**



Stable Power Quality that you can Trust
from Bharath's No.1 Stabiliser Manufacturing Company

Servo Controlled
Voltage Stabilisers - 3 phase

True RMS Correction

- Microprocessor based control system for measurement and correction
- Digital Voltage, Current & Frequency display

High-efficiency

- Stabilisers designed to its rated capacity
- Underrating of Stabiliser decreases efficiency and compromises long term reliability

Complete Protection

- Short Circuit, Under voltage, Over voltage & Electronic CT based Overload trip
- Single Phasing & Phase Reversal trip
- Built-in Spike Suppressor
- Optional Input High Voltage Trip

After Sales Support

- 'No-Questions-Asked' guarantee
- Wide service network covering 100 + locations across India
- Service response within 6 hours in service towns and within 24 hours in the same State

Specification		
PARAMETER	**3 PHASE UNBALANCED AIR COOLED**	**3 PHASE UNBALANCED OIL COOLED**
Rating (kVA)	3 kVA - 150 kVA	3 kVA - 4000 kVA
Type of Cooling	Air	Oil
Input Voltage Range (V L-L)*	310 V - 480 V / 340 V - 480 V / 360 V - 460 V / 360 V - 480 V	
Output Voltage Range (V L-L)*	415 V (380 V / 400 V - optional)	
Output Voltage Regulation	1% of nominal output voltage	
Input Frequency Range	47 Hz - 53 Hz	
Efficiency	> 98%	
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 up to 100 kVA; HRC fuse provided for 125 - 175 kVA; Optional >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 Supression	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 Cutoff 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 100 kVA, Busbar 125 kVA & above	
Standards	IS 9815 (Part -1); 1994	

*Custom settings or range possible

The Guardian of Your Appliances
Compact and Reliable

Servo Controlled Voltage Stabilisers 1 phase

Product range appropriate for your need

- Regular Range: 190 - 250V - for factories, offices & urban locations
- Wide Range: 170 - 270V - for semi-urban locations with wide fluctuations
- Custom Range: Can be provided for specific needs

True RMS Correction

- Microprocessor based control system for measurement and correction
- Digital Voltage, Current display through high visibility LED

Reliable by Design

- Stabilisers designed to its rated capacity
- Lowest failure rates and life cycle cost in the Industry
- 1 year 'No-Questions-Asked' guarantee

Complete Protection

- Short Circuit
- Under voltage
- Over voltage
- Electronic CT based Overload trip
- Built-in Spike Suppressor

Dependable After Sales Support

- Wide service network covering 100 + locations across India
- Committed Service response
  - within 6 hours in service towns and
  - within 24 hours in the same State

Specification					
PARAMETER	**1 PHASE REGULAR RANGE**				
Rating (kVA)	1 kVA	2 kVA - 3 kVA	4 kVA - 5 kVA	7.5 kVA - 10 kVA	15 kVA - 20 kVA
Input Voltage Range	190 V - 250 V		170 V - 270 V		
Output Voltage Range	220 V ± 1%				
Input Frequency Range	47 - 53 Hz				
Digital Display	3 digit, 7 segment display				
Accuracy of Voltage	1% ± 1 digit				
Under Voltage / Over Voltage Trip (Default)	+5% and -10% of Output Set Voltage				
Short Circuit Protection	MCB				
Transient Protection	Spike suppressor (MOV) provided				
Input Output termination					
Input	1.5m long cable with 5A moduled plug	1.5m long cable with 5A moduled plug	1.5m long cable	60A, 3 way terminal (Line Input, Line Output, Neutral)	100A, 3 way terminal (Line Input, Line Output, Neutral)
Output	1x5 / 15A socket	1x5 / 15A socket	2x5 / 15A socket		

Cutting Edge Technology based Comprehensive Power Protection

Static Voltage Regulator

Wide Product Range

- Ratings 15 - 200 kVA 3 Phase
- Multiple Input ranges to suit various operating environments

Fast Voltage Correction

- Any variation within Input range is corrected within 20 ms
- Steady Output Voltage - No Hunting or Overshoot

Complete Protection

- Short Circuit, Under voltage, Over voltage & Overload trip
- Single Phasing & Phase Reversal trip
- Spike & Surge Protection
- Static & Manual Bypass provision

Fully Solid State - IGBT Technology

- High speed 20 kHz PWM switching using DSP technology
- AC - AC PWM Switching topology - No Harmonic distortion
- Noise Free - silent operation

Specification	
Ratings	**15 kVA to 200 kVA - 3 Phase, 4 Wire**
Nature of Cooling	Air Cooled
Control Type	True RMS Sensing and Correction with high speed 20 kHz PWM switching using DSP technology
Input Voltage Ranges	SVRT-6060: 360 V - 460 V @ 410 V (LS Series - 15 - 100 kVA; HS Series - 125 - 200 kVA)
	SVRT-4080: 340 V - 480 V @ 410 V (LS Series 15 - 60 kVA; HS Series - 75 - 125 kVA)
	SVRT-2080: 320 V - 480V @ 400 V (LS Series 15 - 50 kVA; HS Series - 60 -100 kVA)
Output Voltage	400 V +/-1% for 320 V - 480 V
	410 V +/-1% for 360 V - 460 V & 340 V - 480 V Ranges
Voltage Regulation	+/- 1%
Efficiency Input Frequency	>98%
Input Frequency	47 Hz to 53 Hz
Wave Form	Same as Input
Effect of Power Factor	Nil
Voltage Sensing Time	< 10 ms (within 1/2 Cycle)
Voltage Correction Time	< 10 ms (within 1/2 Cycle)
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
Single Phasing Prevention	Provided
Phase Reversal Trip	Provided
Transient Protection	Surge Suppressor Type 2 at Input & Spike suppression through MOV at Output are provided
Stabiliser Bypass	Manual Bypass is provided
	Auto Static Bypass is also provided
Emergency Off-Switch	Provided
Earth - Neutral High Voltage Trip	Provided
Input High Voltage Trip	Optional
Resetting Mode	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
Event Log	Provided for up to 100 Trip Events
Input / Output Terminations	Bolted terminals provided
Operating Temperature	0 to 50 deg Celsius
Duty Cycle	Continuous
IP Class	IP 20, Indoor Application

Your Shield for
Safe and Reliable Power

Isolation & Auto Transformers

Wide Product Range

- Step Up / Step Down Auto Transformers
- Galvanic Isolation Transformers
- Shielded Ultra Isolation Transformers
- K Rated Ultra Isolation Transformers
- Ratings 3 kVA to 1000 kVA 3 Phase and 1 kVA to 25 kVA 1 Phase / 2 Phase

Compliance to Standards, Efficiency & Reliability

- Meets IS 11171 1985 Dry Type Transformer standards
- Efficient designs using Class H Insulation
- Low impedance and temperature rise

Multiple add-on options

- Multi-tap options available
- MCB / MCCB for Short Circuit protection
- RFI / EMI Filters
- TVSS / SPD for Transient protection
- Voltage / Current / Power Metering

Noise Attenuation

- Good Transverse Mode noise attenuation
- Double shielded for high Common Mode Noise Rejection (Ultra Isolation Transformers)

Specification		
Parameter	**3-Phase**	**1-Phase / 2-Phase**
Ratings	3 kVA to 1000 kVA	1 kVA to 25 kVA
Reference Standard	IS 11171 : 1985 (Reaffirmated 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	
Winding	Copper Wire / Strip or Aluminium wire / strip	
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 2.5 kV 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 > 100 dB 10 kHz to 50 kHz > 60 dB 50 kHz to 1 MHZ > 40dB	
Short Circuit Protection	HRC fuse at input provided as a standard / MCB / MCCB can be provided as an option	
Indications	LED Lamps for Output Presence Digital Voltmeter (DVM) - optional	
Housing	Sheet metal housing provided with Input / Output terminations	

SOME OF OUR ESTEEMED CUSTOMERS

OUR CORPORATE CERTIFICATIONS

ISO 9001:2015

ISO 45001:2018

ISO 14001:2015

OUR PRODUCTS TESTED BY

BIS

CE

TUV

ROHS

ETDC

CPRI

*Some of the certifications are applicable / available for select products / models

OUR WIDE RANGE OF SOLUTIONS

MEASURE

- Power Quality Analysers
- Thermal Imagers
- Insulation Testers
- Oscilloscopes

- Earth Testers
- Clamp Meters
- Digital Multimeters
- Micro-ohmmeters

PROTECT

- Servo Stabilisers
- Static Voltage Regulators

- Isolation Transformers
- Online UPS

CONSERVE

- Enterprise EnMS
- WAGES
- Utility Monitoring
- ISO 50001
- PQ Managment Solutions

- Production Management
- Quality Management
- Asset Performance
- Process Control
- Operator Productivity

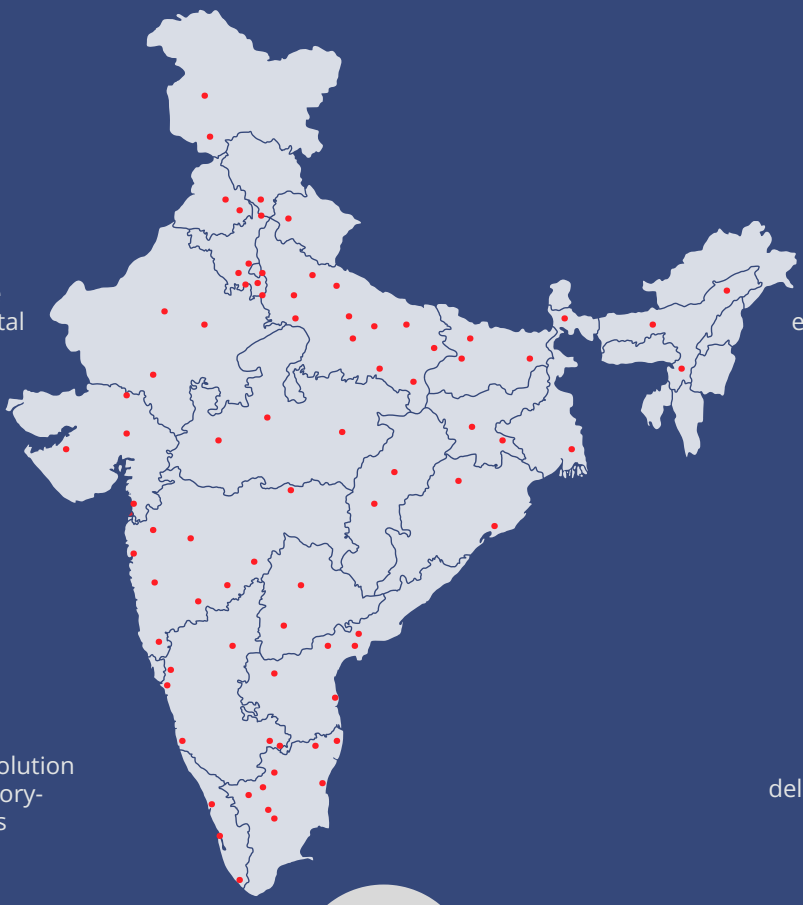
- Multi-Utility Billing
- User Portal
- Mobile App
- Tenant & Area Management

- GHG Protocol - Scope 1, 2, & 3 Emissions
- GRI / CSRD / BRSR Compliance

KRYKARD Care

Extensive spare parts warehouses strategically located in multiple regions

Benefit from 39 years of unparalleled industry expertise



Easily submit service requests from our portal anytime, anywhere

200 highly skilled service engineers operating from 100 locations nationwide

Swift response and resolution provided by our factory-trained engineers

e-Service reports delivered via WhatsApp or email

Rated 4.7 ★★★★★
Trusted Quality and Customer Satisfaction

atandra | KRYKARD®

measure. protect. conserve

Scan the QR code
for Sales Support

Scan the QR code
for Service Support

Scan the QR code
for Chat Support

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