

# SERVO CONTROLLED VOLTAGE STABILISER

PROTECTION SIMPLIFIED, FOR YOUR PEACE OF MIND!

**KRYKARD**  
INDIA'S No.1  
POWER CONDITIONER  
MANUFACTURER

High-Efficiency

Rugged Design with High MTBF

Microprocessor Controlled

Digital Voltage, Current & Frequency Display

Comprehensive Protection

Pan-India Widespread Sales and Service Network



## 3-PHASE APPLICATIONS

CNC Machine Tools |

Textile Machines |

Food Processing Machines |

Printing Machines |

Injection Moulding Machines |

Medical Equipment |

# SERVO CONTROLLED VOLTAGE STABILISER

## Comprehensive Protection for Sensitive Equipment



KRYKARD is the MOST TRUSTED Power Conditioning brand in India, by Industry, Corporates and 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.

PARAMETER	3 PHASE UNBALANCED AIR COOLED	3 PHASE UNBALANCED OIL COOLED
Rating (kVA)	3 - 300	3 - 3000
Type of Cooling	Air	Oil
Input Voltage Range (V L-L)*	310 - 480 / 340 - 480 / 360 - 460 / 360 - 480	
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. Above 100 kVA MCCB optional	
Single Phasing Prevention	Provided	
Phase Reversal Trip	Provided	
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	
Frequency Cutoff Protection	Optional	
Input High Voltage Trip	Optional	
Event Log	Optional - Up to 100 events with Date & Time stamp	
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 Fault Annunciation	
LED Indications	Input Status - 3-Colour LED - Green - Normal; Yellow - Out of Range; Red - Unsafe (Trip) Output Status - 2 -Colour LED - Green - Output On; Red - Output Trip	
Input / Output Terminations	Bolted Terminals up to 100kVA, Busbar 125kVA and above	

\* Custom settings or ranges possible

OUR  
MODELS

1 Phase  
Servo Stabilisers

3/1 Phase  
Servo Stabilisers

Isolation  
Transformer

Stabiliser with built-in  
Isolation Transformer

Step-up/ Step-down  
Transformer



**GLORIOUS**  
POWER SOLUTIONS  
POWER TO CONTROL POWER