KAPLAN POWER

PRODUCT BROCHURE

#POWER YOUR FUTURE

MANUFACTURING HIGH QUALITY PRODUCTS

Kaplan Power

AUTOMATIC VOLTAGE STABILIZER

SVR Series
1-2000 kVA Microprocessor Controlled

Date (dd/mm/yyyy)
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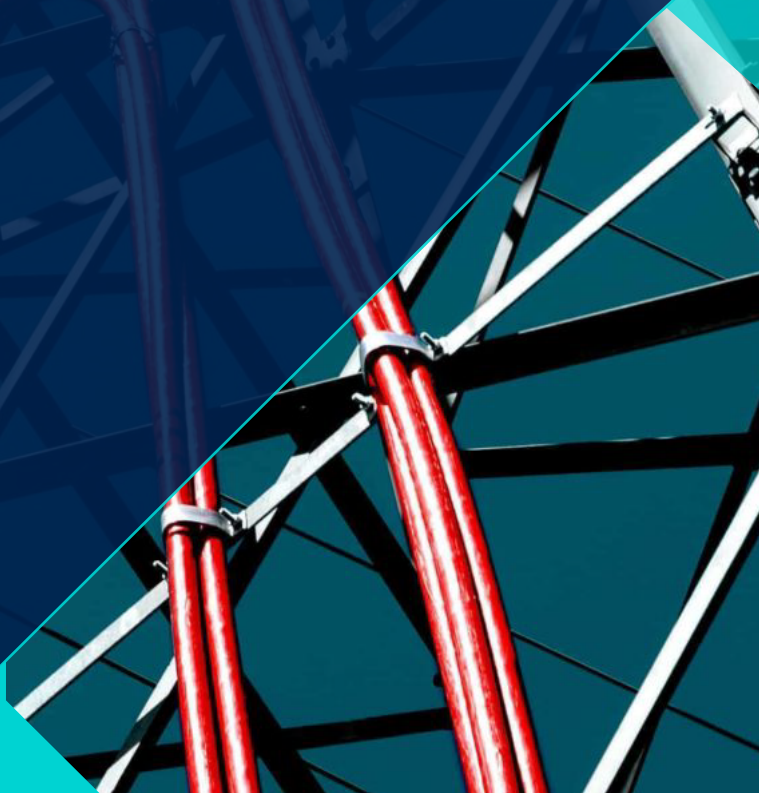

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Microprocessor Controlled
Automatic Voltage Stabilizer

KAPLAN POWER SVR SERIES

1-2000 KVA MICROPROCESSOR CONTROLLED

Kaplan Power-SRV MC Series Servo Regulators are microprocessor controlled advanced technology stabilizers and operation technology is based on Pulse Width Modulation to provide enhanced control on the servo motor and this offers the best dynamic response to the input disturbances and increases the speed for the system.

The design provides extended lifetime for the system and reduces total cost of ownership.Each Phase is controlled independently so that the load connected to the output is supplied continuously even if there exists unequal voltages in phases and unbalanced load at input and output.

Kaplan Power-SVR Series all the components with international certificates and compatible with international standards, 12 months standard warranty and 10 years spare parts availability.

GENERAL FEATURES

- Advanced Technology
- High Performance
- Wide Power Options for Mono Phase / Three Phase Systems
- Wide Input Voltage Range
- True RMS Measurement, Feedback and Control
- Best in Class with 70-200 V/S Regulation Speed
- High Efficiency Up to 98%
- Independent Control Panel for Each Phase
- Selectable Output Max/Min Voltage
- Temprature Controlled Smart Cooling
- Short Circuit Protection
- Ease of Transfer of Load to Utility via Manual By-Pass
- Automatic Deactivate / Reactivate in Abnormal Condition
- 1-2000 kVA Microprocessor Controlled
- Automatic Voltage Stabilizer
- Powertech SVR Series
- Independent / Together Operation of Phrases
- High Performance even on 100% Unbalanced Load
- Silent Operation
- Compact / Impact Resistanct

STANDARDS

- CE, ISO 9001:2008

ADDITIONAL FEATURES

- Overload, High/Low Voltage, Over
- Temprature Protection
- 024 pcs Alert / Event Memory
- Custom Design and Protection for
- Client's Need

UNINTERRUPTED POWER

UNINTERRUPTED SERVICE

Environment Friendly Design
Small Dimensions
Easy Installation / Maintenance and Services
Low Installation and Operational Costs
10 Years Spare Part Availability
7/24 Technical Services and Customer Services

TECHNICAL SPECIFICATIONS

1-2000 KVA MICROPROCESSOR CONTROLLED

MODEL	Microprocessor Controlled SVR	
Phase	1 Phase	Three Phase
Power	1 ~ 50 kVA	3 ~ 2000 kVA
INTPUT		
Operational Voltage Range	90 VAC to 270 VAC	
Frequency	45-65 Hz	
OUTPUT		
Nominal Voltage	230 VAC RMS	400 VAC RMS
Adjustable output voltage expression	220/230/240VAC	
Voltage Tolerance	± 1% (Selectable Between 1-8%)	
Frequency Range	45-65 Hz	
Regulation Speed	70 - 200 V/s	
THDv	0%	
Overload Operation	1 second @ 150% load / 1 milisecond @ 200% load	
GENERAL		
Technology	Microprocessor Controlled, Full Automatic Servo	
Control	RISC Microprocessor, H-Bridge MOSFET PWM Motor Drive Technics	
Independent Phase Regulation	Standard in 3 Phase Models	
Efficiency	98%	
Cooling	Temprature Controlled Cooling	
Protection	Output Short Circuit, Overload, Output High/Low Voltage, Over Temprature, Motor Fault, Ground-Neutral (Optional) Protection	
Mechanic By-Pass	Manual Mains/Regulator Breaker	
CONTROL PANEL		
Display	Special LCD Display for each Phase	
Alert / Event Memory	Mimic Diagram, Fault Warning LED / Real time 1024 log memory	
Monitorable Datas	True RMS Input/Output Voltage, Load Percentage, Frequency Measurement	
COMMUNICATION		
Dry Contacts (Optional)	Regulator Normal Operation; High/Low Output Voltage Warning	
Remote Monitoring (Optional)	LAN (Optional)	
ENVIRONMENT		
Operating Temprature Range	0 - 40 °C	
Relative Humidity	< 95% (non-condensing)	
Noise	< 45 dB	
Altitute	≤ 3000 m	
Protection Class	IP 20	
STANDARTS		
Internations Standarts	CE, ISO 9001:2008