



Automatic Voltage Stabilizer

เครื่องควบคุมแรงดันไฟฟ้าอัตโนมัติ

Single Phase



SA-DW Series

Features

- Maintenance free roller type carbon brush
- Voltage vector control allowing overload
- High mean time between failure (MTBF)
- High efficiency, up to 98% (full load)
- Independent phase regulation
- Unique compact dimension
- Completed protections

Application

- Military research & Defense weapons
- Laser cutting & Punching machinery
- CNC machinery
- Electronics & Medical equipment
- Lab instrument
- Medical monitoring System
- Process control system
- Elevator
- IT & OA equipment
- Auto testing equipment
- Safe guard system
- Production line
- SMT machinery
- TV & Radio broadcasting stations
- Video & Audio
- CAD / CAM
- Generator
- Computer & Computer peripherals



SA-DW Series Automatic Voltage Stabilizer / Regulator

Specification :

MODEL :	SA-DW-					
	15 / 12	20 / 16	30 / 24	50 / 40	80 / 64	100 / 80
	KVA / KW					
Single Phase (Electronic Servo)						
INPUT						
Voltage Regulation System	Microprocessor Controlled Servo System					
Input Voltage	220, 230, 240V System, Other Voltage System Can be Customized)					
Input Range	±20% (±15% ~ ±50% Can be Customized)					
Input Frequency	50/60Hz (40 ~75Hz)					
OUTPUT						
Output Voltage	220, 230, 240V System, Other Voltage System Can be Customized)					
Output Accuracy	Selectable : ±1% to ±5%					
Waveform Distorftion	Nil					
Power Factor	0.8					
Efficiency	≥98% (Full load)					
Overload Capacity	200% Over load 10secs, 150% Over load 60secs, 120% Over load 10mins					
FEATURES						
Insulation Class of Transformer	H Class					
Method of Voltage Regulation	Regulation Transformer With Servomotor					
Indicators	Digital LED + LCD : Voltage, Current, Power, Parameters Setting, Failure Information					
Cooling	Natural / forced air					
Protection Level	IP21(indoor), IP54(outdoor)					
Electrical Safety	CE					
Temperature	-20°C to +50 °C					
Altitude	<1000m					
Relative Humidity	<90%					
Noise	<55dB					
Protection	Malfunction protection, Short-circuit protection (MCB), Lack of phase protection, Wrong sequence protection, Over voltage / Under voltage protection, Overload protection, Safe start, Manual bypass, Indicating alarms, Security password, RS232 / 485 interface Optional : Isolation transformer, Surge protector (SPD), GPRS or Wifi communication, Auto bypass, Centralized monitoring, Touch screen HMI					

* Specifications are subject to change without prior notice.

Spec.19-06-24



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