

SVR100

Singlephase Servo

Full-Automatic Voltage Regulators



GENERAL FEATURES

- Microprocesor Controlled
- Adjustable on LCD Control Panel;
- Output Voltage&Tolerance
- Protection Delay Time
- UP-DOWN Voltage Limit
- Servo Motor Speed
- Alarm ON/OFF
- LED Screen Input / Output Voltage
- Full-Sinusodial Wave
- 90-200 V/sec. Regulation Speed
- Wide Regulation Range
- Overheat Protection
- High Efficiency
- Manually By-Pass
- Overload & Short Circuit Protection
- SmartCooling Fan
- High-Low Voltage Protection
- IP20Protection Class
- ISO9001:2008 Germany and CE Certificated
- 1YearWarranty
- 10Years Spare Part Support Warranty
- ExpertAfter Sales Service

IP31, IP44, IP54 Versions are Available



Regulates

SVR100

Singlephase Servo Voltage Regulators

MODEL	SVR101	SVR102	SVR103	SVR105	SVR107	SVR110	SVR115	SVR120	SVR125	SVR130	SVR140	SVR150
POWER (kVA)	1	2,5	3,5	5	7,5	10	15	20	25	30	40	50

PHYSICAL PROPERTIES

DIMENSIONS(cm)	33 x 45 x 27				36 x 53 x 29		36x60x31	55 x 55 x 83				
WEIGHT(kg)	20	23	34	46	53	60	80	130	141	168	185	205

INPUT PROPERTIES

Input Voltage Working Range	70 V.AC. - 245 V. AC.			
Input Voltage Regulating Range	90 V. AC. - 230 V. AC.	110V. AC. - 245 V. AC.	160 V. AC. - 260 V. AC.	180 V. AC. - 280 V. AC.
Frequency	45 - 66 H z.			
Input Connections	Terminal Busbar			
Input Protection	Overburden, Short Circuit			

OUTPUT PROPERTIES

Regulated Output Voltage	220 V. AC. RMS ± %2	230 V. AC. RMS ± %2	240 V. AC. RMS ± %2	
Regulating Speed	90 V. / Sec.			
Overload Capability	%110 Load - 30 Min.	%120 Load - 10 Min.	%150 Load - 1 Min.	%200 Load - 10 Sec.
Output Connections	Terminal Busbar			
Output Protection	Overburden – High/Low Voltage – Short Circuit - Overheat			

Working Principle

Efficiency	DELTRONMICRO Controlled Full-Automatic System > % 95
Mechanical By-Pass	Manually by Cam Switch
Indicators	Network Voltage-TrueRMS Output Voltage-Buzzer- Adjustable Output Voltage-Input/Output Current
	(Optional)
Protection Class	Initial : IP 20 (Different Types Are Available)
Colour Cooling System	Initial : RAL 7024 (Different Types Are Available)
	Smart Fan System

PROPERTIES

Storage Temperature	-25 °C ~ + 60 °C
Working Temperature	- 15 °C ~ + 50 °C
Working Altitude	3000 m.
Humidity	% 0 - % 95 (Non-condensing)
Noise	50 dB (1 m2)