

Automatic Voltage Stabilizer/Line Conditioner

VR-100ie

HIGH Performance

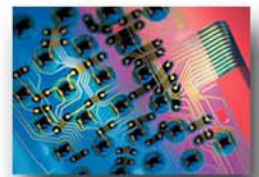


The VR-100ie is a new design to protect many electrical problems. The major voltage fluctuation are under voltage, over voltage, brownout and so on. These problems can be the sensitive electronic equipments and electronic devices operating error or not response. Sometimes the electronic equipments may be damage. To effect on waste the time and lost money to repair.

The VR-100ie responds to voltage change in the power line to supply constant $220 \pm 5\%$ VAC power to your sensitive electronic equipments, even if the incoming voltage sags as low as 176 Volts or rises as high as 253 Volts. With its automatic tap change design, it costs less to buy than any other type of stabilizer and operates quietly and efficiently.

The design provides 4 levels of regulation. The VR-100ie Automatic Voltage Stabilizer / Line Conditioner also provides Surge Suppression, EMI/RFI noise filtering and maintenance-free.

LOW COST



Features

- ▶ Automatic tap change design
- ▶ Static electronic system
- ▶ Fast response time
- ▶ Series boost-buck transformer
- ▶ Wide input voltage range
- ▶ Constant output voltage
- ▶ EMI/RFI noise filter
- ▶ Overload and output short circuit protection
- ▶ Single PCB design
- ▶ 4 levels LED input indicator
- ▶ Universal receptacle
- ▶ Large and long AC power cord
- ▶ High efficiency
- ▶ Compact size and light weight
- ▶ Easy maintenance

Applications

- ▶ Computer, Printer
- ▶ Measuring and testing instrument
- ▶ PABX, Satellite receiver
- ▶ Scientific equipment
- ▶ Audio and video equipment
- ▶ Television, Projector
- ▶ Electrical appliance
- ▶ All sensitive electronic equipment

MODEL		VR-100ie	
POWER RATING		500 VA / 400 W	1 kVA / 800 W
OPERATION SYSTEM		STATIC ELECTRONIC SYSTEM	
INPUT			
VOLTAGE RANGE		220 VOLT +15 % to -20 % (176~253 Volt) OR OPTION	
FREQUENCY		50 Hz	
WAVEFORM		SINE WAVE	
AC POWER CORD	TYPE	IEC CONNECTOR AND PLUG, DOUBLE PVC INSULATION, UL STANDARD	
	WIRE SIZE x LENG	14 AWG x 2.5 M	
PLUG		2 POLE, 3 WIRE GROUND, IEC TYPE	
OUTPUT			
VOLTAGE AND REGULATION		220 VOLT ±5 % OR OPTION	
WAVE FORM		SINE WAVE	
EFFICIENCY		96 % AT FULL LOAD	
RECEPTACLE	TYPE	UNIVERSAL 2 POLE, 3 WIRE GROUND	
	QUANTITY	2 OUTLETS	
LINE CONDITIONER			
TRANSIENT VOLTAGE SURGE SUPPRESSION		VARISTOR	
RFI AND EMI FILTER		X2 CAPACITOR, Y2 CAPACITOR, TOROIDAL COIL	
PROTECTION SYSTEM			
SPIKE AND SURGE PROTECTION		FUSE AND VARISTOR	
DISPLAY			
DEVICE TYPE		LED, RED COLOR	
VOLTAGE		INPUT INDICATOR 4 LEVELS, HIGH, NORMAL, LOW, VERY LOW	
GENERAL			
POWER ON-OFF		POWER SWITCH	
BODY STRUCTURE		GALVANIZED SINK METAL 0.9 mm WITH SPECIAL GRADE COLOR COATING	
WIRING		THE ALPHABHET DIRETION WITH THE STAR CIRCUIT SYSTEM TO EACH RECEPTACLE	
PHISICAL			
AMBIENT TEMPERRATURE		0-50 °C	
RELATIVE HUMIDITY		0-95 %	
DIMENSION (WIDTH x HIGH x DEEP)		108 x 148 x 340 mm	
WEIGHT		7.5 kg	11 kg

ABOUT SILICON POWER SUPPLY

Silicon Power Supply is the famouse and leading manufacturer in the Automatic Voltage Stabilizer/Line Conditioner.

We started business since 1985. We have researched and developed the new power supply to

Provide better performance and reliable power quality.

We aimed commercially at selling the quality of the product together with providing

The best service to our clients.

SILICON POWER SUPPLY Co., Ltd.

455/13-16 Soi Phibunuppatham, Latphrao Road, Samsennok, Huaykwang, Bangkok 10320

TEL: 0-2275-1182, 0-2275-1275, 0-2275-7161, 0-2276-9973 FAX: 0-2275-7309 10320

ISO 9001:2008 Certified

Website: www.sidital.com

Website: www.siliconthai.com

E-mail: info@siliconthai.com