

GREENPOWER[®]

Zero Emission Technology

Automatic Voltage Regulator

Servo Motor Control



GREENPOWER (Zero Emission Technology) The quality which never compromise. Precision crafted, Highly efficient, Negligible wave form distortion, a wide range of input voltages, compact and light weight construction. GPSR Royal Series stabilizers are GREENPOWER technological and innovative answer to all kind of electricity problem, economic solution to inconvenience caused by voltage fluctuation. Suitable for Computers, precision equipments, laboratories, telecommunication, satellite system, quality control system, military communication, medical equipments, industrial, domestic, electrical & electronic appliances.

Model	Input Voltage	Output Voltage	Amp
GPSR - 600 VA	65 V - 145 V	110 V ± 0 to 2 %	4.3 A
	150 V - 250 V	220 V ± 0 to 2 %	2.1 A
GPSR - 1200 VA	65 V - 145 V	110 V ± 0 to 2 %	8.7 A
	150 V - 250 V	220 V ± 0 to 2 %	4.3 A
GPSR - 1600 VA	65 V - 145 V	110 V ± 0 to 2 %	11.6 A
	150 V - 250 V	220 V ± 0 to 2 %	5.8 A
GPSR - 2000 VA	65 V - 145 V	110 V ± 0 to 2 %	14.5 A
	150 V - 250 V	220 V ± 0 to 2 %	7.2 A
GPSR - 3000 VA	65 V - 145 V	110 V ± 0 to 2 %	21.8 A
	150 V - 250 V	220 V ± 0 to 2 %	10.9 A
GPSR - 4000 VA	65 V - 145 V	110 V ± 0 to 2 %	29.0 A
	150 V - 250 V	220 V ± 0 to 2 %	14.5 A
GPSR - 5000 VA	65 V - 145 V	110 V ± 0 to 2 %	40.9 A
	150 V - 250 V	220 V ± 0 to 2 %	20.4 A
GPSR - 7000 VA	65 V - 145 V	110 V ± 0 to 2 %	57.2 A
	150 V - 250 V	220 V ± 0 to 2 %	28.6 A
GPSR - 8000 VA	65 V - 145 V	110 V ± 0 to 2 %	65.4 A
	150 V - 250 V	220 V ± 0 to 2 %	32.7 A
GPSR - 10000 VA	65 V - 145 V	110 V ± 0 to 2 %	81.8 A
	150 V - 250 V	220 V ± 0 to 2 %	40.9 A
GPSR - 12000 VA	65 V - 145 V	110 V ± 0 to 2 %	98.1 A
	150 V - 250 V	220 V ± 0 to 2 %	49.0 A
GPSR - 15000 VA	65 V - 145 V	110 V ± 0 to 2 %	122.7 A
	150 V - 250 V	220 V ± 0 to 2 %	61.3 A
GPSR - 20000 VA	65 V - 145 V	110 V ± 0 to 2 %	178.1 A
	150 V - 250 V	220 V ± 0 to 2 %	89.0 A
GPSR - 25000 VA	65 V - 145 V	110 V ± 0 to 2 %	222.7 A
	150 V - 250 V	220 V ± 0 to 2 %	111.3 A
GPSR - 30000 VA	65 V - 145 V	110 V ± 0 to 2 %	267.2 A
	150 V - 250 V	220 V ± 0 to 2 %	133.6 A
GPSR - 50000 VA	65 V - 145 V	110 V ± 0 to 2 %	445.4 A
	150 V - 250 V	220 V ± 0 to 2 %	222.7 A

Technical Features	G P S R
Input Voltage Range	65V-145V /150V-250V
Output Voltage accuracy	110± 0 to 2%, 220V±0 to 2%
Phase	Single phase
Response Time	High speed of response within 0.5sec against 10% of input voltage variation
Supply Frequency	50Hz / 60Hz
Power factor	Has no effect on the performance
Waveform distortion	Negligible with any type of load
Spike & Surge Suppression	Additional protection can be provided to attenuate spikes and noise down to harmless levels (built-in on 600VA to 5000VA model) optional on higher capacity model
Operating Temperature	-5°C~45°C
Humidity	Less than 90% relative humidity
Low internal impedance	Capable of sustaining high surge currents
Efficiency	At full load the range is from 96% for small models to 98% for larger units
Insulation Resistance	More than 3 MΩ at DC 500V
Dielectric Strength	Tested at 1500VAC for 1 minute
Style	Stand-alone
Control System	DC servo-motor
Cooling System	Convection cooled (forced air)
Soft-start	Ensures low output voltage at the moment of switching ON
Soft-stop	Dampens the force of impact when the variable transformer brush gear reaches the end stop
Quality Management System	Assessed and approved to ISO 9001:9002

Rear view of GPSR 600VA-1600VA



Rear view of GPSR 2KVA-3KVA



Rear view of GPSR 5KVA-15KVA



APPLICATIONS:



- Operation Theater
- Dialysis machine
- Laboratory test equipment
- Ultra-sound machine
- Laser treatment machine



- Industrial Machineries & robots
- Auto process control equipment
- Computerized Embroidery machine
- Computerized textile machinery
- CNC machine



- Satellite control system
- Broadcasting equipment
- Communication system
- Alarm & security system
- Numeric control machine



- Computers
- Projector
- Electronics lab
- Sound system
- Photographic processing equipment

GREEN POWER Co.