



GREENPOWER[®]
Zero Emission Technology

**Power Station
NON STOP SERVICE**



GPCT Centralized Three Phase Series

Green Power automatic voltage regulators for industry Centralized series is designed for stabilizing AC voltage and made with international advanced technology standard. The automatic voltage regulators for industry Centralized series can keep output voltage in steady state automatically when the power voltage fluctuates or the load current varies. Compared with other voltage stabilizers, it has the advantage of large capacity, Stable Voltage accuracy, Precision accuracy, no wave form distortion, stable voltage adjustment, suitability for all kinds of loads, bearing instantaneous overload, working continually for long time, as well as free transferring between emergency bypass and automatic control, etc. besides, it is provided with protection against over-voltage, over current, phase failure and phase sequence protection. Convenient installation and reliable running.

CONSTRUCTION:

Features: Elegant appearance, compact structure, light weight, low power waste, complete protection functions, stable and reliable, Negligible waveform distortion.

Models

GPCT 40 KVA	GPCT 50 KVA	GPCT 60 KVA	GPCT 80 KVA	GPCT 100 KVA
GPCT 150 KVA	GPCT 200 KVA	GPCT 250 KVA	GPCT 300 KVA	GPCT 400 KVA
GPCT 500 KVA	GPCT 600 KVA	GPCT 700 KVA	GPCT 800 KVA	GPCT 900 KVA
GPCT 1000 KVA	GPCT 1200 KVA	GPCT 1300 KVA	GPCT 1400 KVA	GPCT 1500 KVA
GPCT 1600 KVA	GPCT 1700 KVA	GPCT 1800 KVA	GPCT 1900 KVA	GPCT 2000 KVA

Technical Specifications (Automatic Voltage Stabilizer)

- Input Voltage Three-phase four-wire phase voltage 220VAC \pm 30%, Wire voltage 380VAC \pm 30%
- Output Voltage Three-phase four-wire phase voltage 220VAC, wire voltage 380VAC
- Frequency 50Hz - 60Hz
- Accuracy of output voltage \pm 1%
- Efficiency \geq 95% (power class: more than 50KVA)
- Response Time $<$ 1 sec (when input voltage has a change of 10%)
- Waveform distortion Negligible with any type of load
- Protection Protection against over-voltage, over current, phase failure & phase sequence protection
Start automatically or manual. When power is on, can work continuously for a long time without anybody attendance.
- Dielectric strength Tested at 1500VAC for 1 minute
- Low internal impedance Capable of sustaining high surge currents
- Insulation Resistance $>$ 3M Ω
- Control System DC servo motor
- Soft Start Ensure low output voltage at the moment of switching ON
- Cooling System Convection cooled (forced air)
- Operating Temperature -5 $^{\circ}$ C \sim 45 $^{\circ}$ C
- Humidity Less than 90% relative humidity
- Quality Management System Assessed and approved to ISO 9001:9002

AUTHORISED DISTRIBUTOR

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