MODEL	GPTS-6	GPTS-10	GPTS-15	GPTS-20	GPTS-30	GPTS-45	GPTS-50	GPTS-60	GPTS-80	GPTS-100	GPTS-120
INPUT											
Nominal Voltage	380 - 400 - 415 Vac										
Input Frequency	50 Hz ± 5%										
Input Voltage Stabilization Range	±15%, 25%, 30% or any asymmetrical range										
Admitted Load Variation	0~100%										
Admitted Load Unbalance	upto 100%										
Number of Phases	3W + N or 3W + Neutral Point Reactor										
Coupling	Wye or Delta with Neutral Point Reactor										
OUTPUT											
Nominal Power (kVa)	6 kVA	10 kVA	15 kVA	20 kVA	30 kVA	45 kVA	50 kVA	60 kVA	80 kVA	100 kVA	120 kVA
Number of Phases	3φ 3W + N										
Nominal Voltage	380 - 400 - 415 Vac 3-Phase										
Output Accuracy	± 1%										
Output Power Factor	cosφ 0,8										
Sync Frequency Tracking	50/60 ± 5%										
Harmonic Distortion	<1%										
Overload Handling	200% for < 2min										
Efficiency on ECO mode	>98%										
OUTPUT & BYPASS MECHANISM											
Regulation to bypass	Via SWMB or Bypass Isolator Switch										
Automatic Static Bypass	Optional										
Output	AC Power Contactor										
ADDONS & PROTECTIONS											
Input galvanic isolating transformer	Optional										
Neutral Generating Kit	Optional										
EMI/RFI Filters	Optional										
Over Voltage Protection	Optional Class I/II surge arrestors										
Phase Failure Protection	Available										
Builtin Standard Protection	Over Voltage / Under Voltage & Overload										
Phase Sequence Error	Optional										
Fused Auxiliary Circuit	Optional										
Grid loss protection	Output Voltage Reset to the minimum Value via SOVP soft start circuitry										
INSTRUMENTATION, OPERATING CONDITIONS & STANDARDS											
Instrumentation	Standard Input / Output Power Analysis Display										
Standard Communications	USB / Ethernet / Modbus TCP / IP										
HMI	Optional Hi-Res Touch Screen										
Parallel Connection	Optional										
Ambient Temperature	-20°C ~ +40°C										
Relative Humidity	<95%, non-condensing										
Storage	-25°C ~ +60°C										
Cooling	Free Conventional with Fans										
Protection Level	IP21 (others upon request)										
Regulations according to IEC 61439-2-2011	EN 61439-1-2: 2011, EN 61000-6-2: 2005, 2007/ A1: 2011										
Approvals	CE, TUV upon request										

In the interest of continuous product development, specifications are subject to change without prior notification or can be customized accordingly.

DANGER
Risk of High Voltage

CAUTION
Risk of Electric Shock

COMPULSORY
Wiring must be carried by expert electrician only

GREENPOWER®
NEVER STOPS IN THE DARK

GREENPOWER®
NEVER STOPS IN THE DARK

GPTS ADVANCE EUROPEAN SERIES

6 - 120 kVA

3-phase AVR - Continuous power conditioning & protection for critical applications

High Efficiency Performance

Full-automatic AC voltage stabilizers is or leading product, it is composed of contact type voltage regulator, servo-motor and automatic control circuit. When network voltage is unstable or when the load changes, the automatic control circuit would sample, amplify and send signal to drive the servo-motor to adjust the position of carbon brush of contact type voltage regulator, regulate the output voltage of stabilizer to the rated value, and get stabilize voltage finally.

This series of voltage stabilizers possesses visible advantages such as elegant appearance, compact design, light weight, high efficiency, no distortion of output waveform, complete protection functions, long service, etc. In order to guarantee top quality, we adopt imported elements for key electronic components, and carry out strict quality inspection.

This series of voltage stabilizers is suitable for areas where power grid fluctuates frequently or changes greatly along the season, it can be widely applied to industry, scientific research, medical supply to ensure normal running of electric equipment.

eco LINE+ Part of the GREENPOWER ECO Line AVR series

HIGHLIGHTS

DSP & SERVO MOTOR CONTROL
INDEPENDENT PHASE VOLTAGE STABILIZATION
INPUT ISOLATION TRANSFORMER OPTIONAL
PHASE LOSS PROTECTION
SOVP SOFT START - START OVER VOLTAGE PROTECTION
CURRENT INTERRUPT ELIMINATION

Commercial Facilities
E-medical Systems
Industrial Robots
Airport Applications
Elevators Escalators
VFD Applications