



AC Voltage Stabilizer & Regulators GIT 5J-T15

Models:

High Voltage (J) Models

220V; 230V or 240V
(Single Phase)

Low Voltage (K) Models

100V; 110V or 120V
(Single Phase)

Quick Overview

Cost Efficient Voltage Stabilization Solutions with Fast Speed of Response and High Output Voltage Accuracy

AC mains voltage fluctuations can cause equipment to behave erratically and malfunction. Some systems may even break down due to these fluctuations, noise or spikes. Failure to ensure the incoming mains voltage is stable and clean, can often result in costly equipment repairs.

Ashley-Edison's electromechanical / electronic servo design **GIT J Series** Voltage Stabilizers, are designed to ensure that should the incoming mains voltage drift high or low, the output voltage will remain continuously constant. Characterized by high efficiency, they are completely unaffected by power factor, load and frequency variations. They are able to withstand high instantaneous overloads and do not generate any magnetic interference. Compact in size, quiet in operation, these voltage stabilizers are suitable for indoor use and may be located near to sensitive equipment.

Soft Switch-ON feature will ensure that the Voltage Stabilizer is at its minimum upon switch-on before it commences full stabilization. Lack of this feature may cause high output voltage surge in stabilizer.

Features:

- **Wide Range of Voltage Stabilizer**
Single Phase Up to 100KVA
- **Input Swing Range**
Input Swing Range Available from $\pm 15\%$, $\pm 20\%$, $\pm 25\%$, $\pm 30\%$, (To Specify)
- **Output Voltage Regulation**
Output Voltage Accuracy $\pm 1\%$,
- **High Efficiency**
Better than 98%
- **Standard Features**
Model GIT 1J ~ 10J
Input Circuit Breaker
Universal Socket
- **Model GIT 15J ~ 100J**
Input Circuit Breaker
Voltmeter, Ammeter
Bypass Control Switch

Optional Accessories

- Output circuit breaker
- Ammeter
- Voltmeter
- Manual maintenance bypass switch
- Over/low voltage protection
- Lightning arrester

Compliance with International Standards

- BS EN50081-1;2/IEC 61000-4-3;4
- BS EN5490/IEC 60529

CE Conformity

- EN55022, EN50082-2, ENV50140-1

Warranty

- 2 Years

Applications:

- Computers
- Medical Equipment
- Electronics Equipment
- Testing Equipment
- Laboratory Equipment
- POS Terminals
- Process Control Systems
- TV/Radio Broadcasting Stations
- Elevators
- Audio/Video Systems
- Security Systems
- Production Line
- CNC Equipment
- SMT Equipment



Malaysia - Thailand

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Input Voltage	230VAC \pm 15% Single Phase
Output Voltage	Presetable for any voltage between 220V; 230V or 240V.
Output Voltage Accuracy	\pm 1%
Frequency	47 – 65 Hz
Correction Time	<10% supply variation will be corrected to within 2.5% in 0.6 seconds.
Efficiency	98%
Power Factor	Any lagging to 0.95 leading
Surge ratings	10 x max current rating for 2 seconds 3 x max current rating for 1 minutes 2 x max current rating for 5 minutes
Surge Suppression	Protect loads against high-energy spikes and transient voltage.
Total Harmonic Distortion	Less than 1%
Environment	Temperature range –15 to 45 °C. Derate by 2% for each additional °C Up to max 60 °C . Suitable for indoor tropical use 95% RH (non-condensing). Maximum altitude 1000m. Derate by 2.5% for each additional 500m.
Construction	Enclosures to IP20, BS EN5490 / IEC 60529
Conformance	BS EN50081-1;2 / IEC 61000-4-3;4
CE Conformity	EN55022, EN50082-2,ENV50140-1
Warranty	Two Years
Standard Feature	Input circuit breaker Over / Low voltage protection.
Optional Accessories	Voltmeter Ammeter Bypass switch
Soft Switch-ON	Ensure that the output voltage is at its minimum upon Switch-On before it commence full stabilization

Note: Optional accessories added may affect dimension, subject to confirmation.

Model:	Rating KVA	Amps @ 220V	Amps @ 230V	Amps @ 240V	Dimensions (mm) W x H x D	Weight (Kg)
GIT 5J-T15	5	23	22	21	210 x 260 x 420	24

Model GIT 1J ~ 10J are supplied with Input Breaker, Input/output Terminals and Output Universal Socket.



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