

Impact 1XX

STATIC VOLTAGE REGULATOR / 1 PHASE INPUT - 1 PHASE OUTPUT

IMPACT SERIAL STATIC VOLTAGE REGULATOR is a high technologic solution for operation of your sensitive devices without any problem wherever the main supply is not trusted . Produced of high quality semi-conductor materials, at the capacity to operate with high efficiency under terms of high and fast change of voltage and at full load.

IMPACT SERIAL STATIC VOLTAGE REGULATOR, controls via microprocessor cards and regulates via thyristors. There is not any moving part in IMPACT. Thus, it has extremely high speed response (500 VAC/sec.) than Servo regulators. Easy usage with its compact design, maintenance free and long life facilities.

STRUCTURAL SPECIFICATIONS

- 2 - 50 kVA power interval as 1 phase
- Safety usage for all the sensitive electrical devices
- Control and protection unit with microprocessor based boards
- Regulation between 160 V AC - 250 V AC (90 VAC-280 VAC optional)
- 500 V / sec voltage regulation rate
- Static and modular structure with Thyristor and SMPS technology
- High efficiency, silent operation
- LCD front panel
- Maintenance free design which can not be effected from dust, humidity or vibration.
- Electronical over current and short circuit protection.
- In case of defect, ON/OFF and by-pass switch to operate from main supply.
- CONTACTOR unit for LOW - HIGH voltage at output and for the first opening delay
- Produced with high quality equipments to obtain minimum failure risk
- Ergonomic handles
- Surge Arrester against to high voltage and lightning (optional)
- Isolation transformer (optional)
- Harmonic filter (optional)
- RFI filter (optional)
- Production with ISO-9001:2000 Quality Management System
- 2 years warranty
- 10 years spare part warranty
- Technical service support

Usage areas:

Uninterruptible Power Supplies
TV / Radio transmitter stations,
GSM base stations,
Image and sound production studios,
Air-conditioners,
Medical Devices
Hospitals
Neon and laser illuminations,
press and textile machines, photograph press machines,
submerging pumps, ships, electric motors,
and all electrical devices sensitive to voltage changes against network problems,

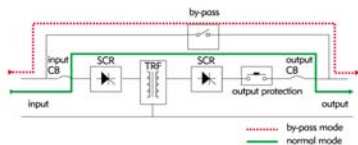
IMP-EMV 31XX-SPECIAL DESIGN

3 PHASE INPUT 1 PHASE OUTPUT STATIC REGULATOR

IMP-EMV 31xx is a special design Static Regulator for GSM base stations. IMP EMV, is produced for special devices which need sensitive voltage adjustment. It supplies wide range conditioned output between 110-270 VAC. The load may be divided to 3 phase so that the main supply problems can be eliminated.

IMP EMV, cuts output when input of regulator for per phase is out of tolerance values. When turns back in tolerance values it supplies regulated voltage automatically after 30 sec. Thus, the loads are protected from extremely high/low voltage differences.

Even if 1 or 2 phases are out of tolerance values or not exists, the other/others continue to supply the load. RS-232 communication port is optional.



IMPACT 1XX 1 PHASE STATIC VOLTAGE REGULATOR