

### THREE-PHASE POWER REGULATOR BASIC VERSION WITH BOSTEERS TECHNOLOGY

**APPLICATION: ALL KINDS OF LAMPS WITH THE EXCLUSION OF LED AND LAMPS WITH PERMANENT ELECTRONIC BALLAST**

**INSTALLATION: INDOOR OR OUTDOOR**

#### MAIN FEATURES

- Manufactured in fiberglass IP44 or IP55 for outdoor, or IP21 protection using sheet metal for indoor.
- New "Genius Power V3" power regulators under phase-control regime with booster autotransformer
- Sinusoidal voltage to the lamps
- CTRL 128 electronic controller for regulation and control of the electrical parameters.
- Three-phase T.A. module with 0.5% accuracy.
- Bypass Automatico Statico a tempo "Zero".
- Automatic "Zero" time Static By-pass.
- **Optionals:**
  - GPRS for Web remote control of all parameters.
  - Customizable designs upon request.
  - Genius Sensor, a device for light detection indoor.
  - Open doors second level safety protection.



**Note: standard regulated output voltage from 230 to 180 volts.**

**For 110 – 124 – 138Kva models the standard output voltage is regulated from 230 to 190 Volt.**

POWER	MODEL	REGIME CURRENTS (AMPERE)	REGIME LAMPS' POWER (WATT)	DIMENSIONS LxPxH	WEIGHT KG.
42 KVA (3X60Amp)	GT09KA128V/MZZ	(3X48 Amp)	(3X11 KWatt)	800x400x1400	160
51 KVA (3X75Amp)	GT14KA128V/MZZ	(3X60 Amp)	(3X14 KWatt)	800x400x1400	170
62 KVA (3X90Amp)	GT17KA128V/MZZ	(3X72Amp)	(3X16 KWatt)	800x400x1400	180
69 KVA (3X100Amp)	GT23KA128V/MZZ	(3X80 Amp)	(3X18 KWatt)	800x400x1400	190
76 KVA (3X110Amp)	GT25KA128V/MZZ	(3X88 Amp)	(3X20 KWatt)	800x400x1400	195
82 KVA (3X120Amp)	GT27KA128V/MZZ	(3X96 Amp)	(3X22 KWatt)	800x400x1400	200
86 KVA (3X125Amp)	GT29KA128V/MZZ	(3X100 Amp)	(3X23 KWatt)	800x400x1400	205
96 KVA (3X140Amp)	GT32KA128V/MZZ	(3X112 Amp)	(3X25 KWatt)	800x400x1400	205
103KVA (3X150Amp)	GT34KA128V/MZZ	(3X120 Amp)	(3X27 KWatt)	800x400x1400	210
110KVA (3X160Amp)	GT37KA128V/MZZ	(3X128 Amp)	(3X29 KWatt)	800x400x1400	210
124KVA (3X180Amp)	GT41KA128V/MZZ	(3X144 Amp)	(3X33 KWatt)	800x400x1400	220
138KVA (3X200Amp)	GT46KA128V/MZZ	(3X160 Amp)	(3X37 KWatt)	800x400x1400	220

**In the table above are considered:**

- 1- the maximum currents can flow in the event of false switchings or load malfunction.
- 2- an average power factor of 0.85.
- 3- the safety margins and stress conditions of the power regulators