

THREE-PHASE POWER REGULATOR WITH SINUSOIDAL AMPLITUDE CONTROL

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 2 SIN" power regulators, under sinusoidal voltage regime.
- CTRL 128 electronic controller for regulation and control of the electrical parameters.
- Three-phase T.A. module with 0.5% accuracy.
- "Zero" time Static Bypass both as regulator/network switch mode or network /regulator switch mode.
- Natural/forced ventilation depending on the model.
- **Optionals:**
 - GPRS for Web remote control of all parameters.
 - Controlled using a crepuscular, with remote control switch and resettable circuit breaker.
 - 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 170 volts.

For 69 and 82Kva 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.
12 KVA (3X18Amp)	GTS18A128V/MZZ	(3x12 Amp)	(3x3 Kwatt)	710x265x1300	60
18 KVA (3X25Amp)	GTS25A128V/MZZ	(3x17 Amp)	(3x4 Kwatt)	710x265x1300	60
24 KVA (3X35Amp)	GTS35BA128V/MZZ	(3x28 Amp)	(3x6,5 Kwatt)	710x265x1300	90
35 KVA (3X50Amp)	GTS50BA128V/MZZ	(3x40 Amp)	(3x9,2 Kwatt)	710x265x1300	95
42 KVA (3X60Amp)	GTS60BA128V/MZZ	(3x48 Amp)	(3x11 Kwatt)	800x400x1200	110
48 KVA (3X70Amp)	GTS70BA128V/MZZ	(3x56 Amp)	(3x13 Kwatt)	800x400x1200	120
55 KVA (3X80Amp)	GTS80BA128V/MZZ	(3x64 Amp)	(3x15 Kwatt)	800x400x1200	140
62 KVA (3X90Amp)	GTS90BA128V/MZZ	(3x72 Amp)	(3x16,6 Kwatt)	800x400x1200	150
69 KVA (3X100Amp)	GTS100BA128V/MZZ	(3x80 Amp)	(3x18,4 Kwatt)	800x400x1200	160
82 KVA (3X120Amp)	GTS120BA128V/MZZ	(3x96 Amp)	(3x22 Kwatt)	800x400x1200	175

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**