

SINGLE-PHASE POWER REGULATOR WITH SINUSOIDAL AMPLITUDE CONTROL "GENIUS SIN"

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 ventilation
- **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 170 volts.
For 8 and 11,Kva models the standard output voltage is regulated from 230 to 180 Volt.**

POWER	MODEL	REGIME CURRENTS (AMPERE)	REGIME LAMPS' POWER (WATT)	DIMENSIONS LxPxH	WEIGHT KG.	NOTES
4 KVA-18Amp	GMS18A128V/MZZ	12 Amp	3KW	710x265x650	38	
6 KVA-25Amp	GMS25A128V/MZZ	17 Amp	4KW	710x265x650	39	
8 KVA-35Amp	GMS35BA128V/MZZ	24 Amp	5KW	710x265x650	55	Booster
11,5 KVA-50Amp	GMS50BA128V/MZZ	34 Amp	7KW	710x265x650	58	Booster

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**