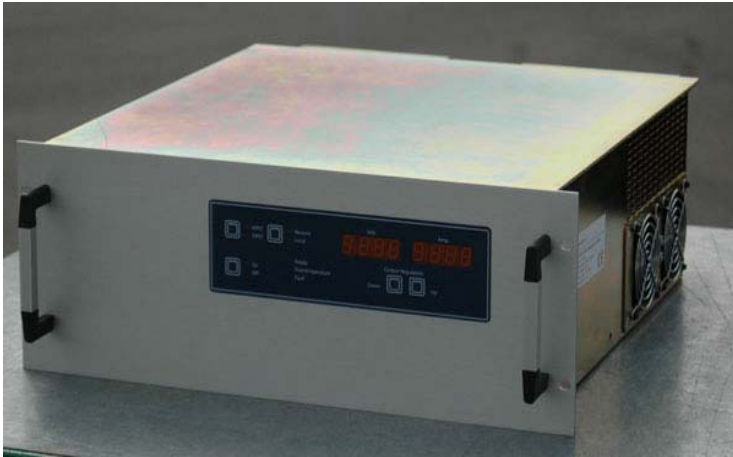


K-FACTOR srl

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F r e q u e n c y c o n v e r t e r v o l t a g e r e g u l a t o r v o l t a g e s t a b i l i s e r G M M G T M G T T



PRODUCT DESCRIPTION:

An extremely compact device with a high performance. Designed using the latest technologies, it's a very reliable and flexible equipment for the use as:

- Frequency converter
- Electronic voltage stabiliser
- Electronic voltage regulator

ELECTRONIC VOLTAGE REGULATOR

Comparable to a traditional motorized voltage regulator, with an electronic control circuit, but fully static and absolutely fast (reaction time is less than 1mS). The set voltage is maintained even if the load or the input voltage suddenly change. Through a 0-10V signal connected to the remote terminals or through the front panel buttons it is possible to change the output voltage from 0 to 270V. Dynamic

response to the set voltage is 40 μ S.

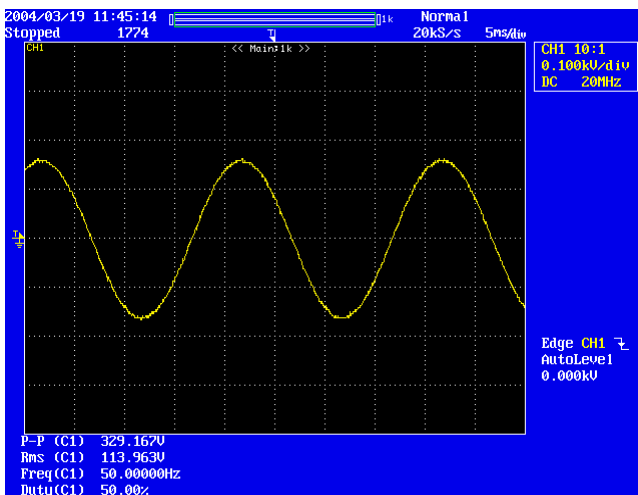
ELECTRONIC STABILIZER

An output autotransformer guarantees the set voltage even to 270V in presence of a lower input voltage.

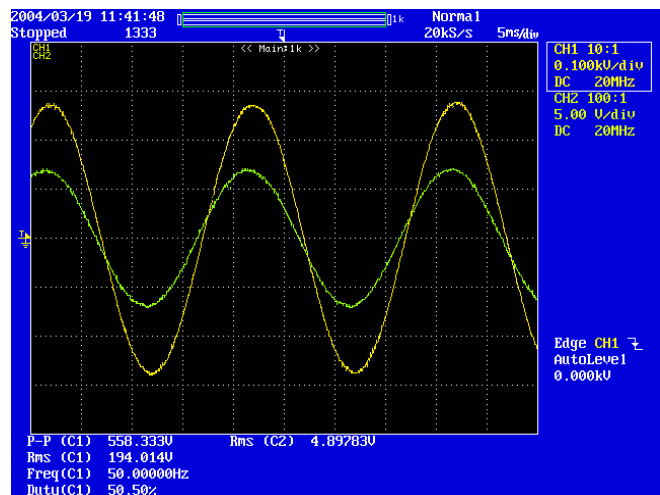
FREQUENCY CONVERTER

With any input frequency, the device supplies a 50Hz or a 60Hz output using the front selector or the remot control.

(Different frequencies are available on request.)



Output voltage (110 Vac)



Output wawe (voltage and current)

* specs. and mechanical aspect may change according to production need and the electrical characteristic

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electrical and mechanical specification

Single phase		(optional : isolation transformer)							
type	VA (Max)	Output current		Crest factor	Input voltage	Output voltage	Frequency Hz	Dimensions (mm)	Weight Kg
		Nom.(A)	Max (A)						
		Dist <2%	Dist >10%			Vi =230 Vac			
GMM03	3.000	13	20	4:1	190 - 267Vac	0-270 Vac	50-60 Hz *	Rack 19" 4U - D 560	17
GMM05	5.000	22	33	4:1	190 - 267Vac	0-270 Vac	50-60 Hz *	Rack 19" 5U - D 560	21
GMM07	7.500	30	45	4:1	190 - 267Vac	0-270 Vac	50-60 Hz *	Rack 19" 6U - D 560	30

Higher ratings available on request, open type on steel plate available on request

Trimonofase		Uscita senza neutro		(optional : isolation transformer)						
Tipo	VA (Max)	Output current		Crest factor	Input voltage	Output voltage	Frequency Hz	Dimensions (mm)	weight Kg	
		Nom.(A)	Max (A)							
		Dist <2%	Dist >10%			Vi = 400 Vac				
GTM03	3.000	7,5	11	4:1	350 - 440Vac	0-396 Vac	50-60 Hz *	Rack 19" 4U - D 560	17	
GTM05	5.000	13	20	4:1	350 - 440Vac	0-396 Vac	50-60 Hz *	Rack 19" 5U - D 560	21	
GTM10	10.000	25	37	4:1	350 - 440Vac	0-396 Vac	50-60 Hz *	H575 x W400 x D770	25	

Higher ratings available on request

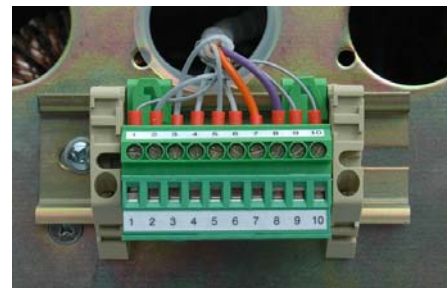
Trifase - Trifase		Input neutral needed								
Tipo	VA (Max)	Output current		Crest factor	Input voltage	Output voltage	Frequency Hz	Dimensions (mm)	weight Kg	
		Nom.(A)	Max (A)							
						Vi = 400 Vac		TOWER		
GTT09	9.000	3 x 13	3 x 20	4:1	350 - 440Vac	0-396 Vac	50-60 Hz *	H575 x L400 x P770	43	
GTT15	15.000	3 x 22	3 x 33	4:1	350 - 440Vac	0-396 Vac	50-60 Hz *	H575 x L400 x P770	50	

Higher ratings available on request

* different values available on request (40 - 400 Hz)



front panel (single phase)



remote control terminals



front panel (three phase models)

* specs. and mechanical aspect may change according to production need and the electrical characteristic