

## GEMINI

The GEMINI single-phase voltage stabiliser is able to adjust the output voltage within  $\pm 3\%$  of the rated voltage. The supplied load is protected both from  $-18\%/+14\%$  variations of the input voltage and from short but high overvoltages (4kV).

The main characteristics of the GEMINI electronic voltage stabilisers can be summarised as follows:

- Reliable operation thanks to a microprocessor full control
- Compact size
- Quick response time
- High efficiency
- Insensitivity to load power factor (cos $\phi$ )
- Wide range of information available via the front LED panel

Information available:

- Mains input voltage exceeding regulation limits
- Mains frequency exceeding limit
- Load lower than 25%, 50%, 75%, 100%
- Overload
- Alarm for input overvoltage and/or overheating (the visual alarm is accompanied by an acoustic alarm)

**The logic control is based on the microprocessor.**

### GEMINI STANDARD FEATURES

FREQUENCY	48/62Hz
ADMITTED LOAD VARIATION	from 0 to 100%
ADMITTED LOAD UNBALANCE	up to 100%
MAINS WAVEFORM DISTORTION INCREMENT	< 0.5%
COOLING	Natural ventilation
AMBIENT TEMPERATURE	-15/+45 °C
STORAGE TEMPERATURE	-25/+60°C
RELATIVE HUMIDITY	95%
ADMITTED OVERLOAD	1.5 In 5 sec
COLOUR	RAL 7035
PROTECTION	IP 21
INSTALLATION	Indoor

### GEMINI SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE +14% -18% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE $\pm 3\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
E50	0.5	230	3	230	2	>98	2	14	8
E100	1	230	5	230	4	>98	2	14	10
E200	2	230	11	230	9	>98	2	15	20
E400	4	230	21	230	17	>98	2	15	25
E500	5	230	27	230	22	>98	2	15	27
E1000	10	230	52	230	43	>98	2	16	51

The technical data in the above tables are subject to change by the Company either for internal reasons or because of a specific request from the Customer  
Input output voltage 50Hz: 220/240V – Input/Output voltage 60Hz: 208/240V