

AQUARIUS

The AQUARIUS three-phase electronic 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 over voltages (4kV).

Voltage stabilisation is performed independently on each phase.

The main characteristics of the AQUARIUS 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

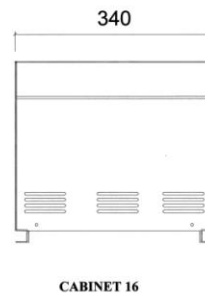
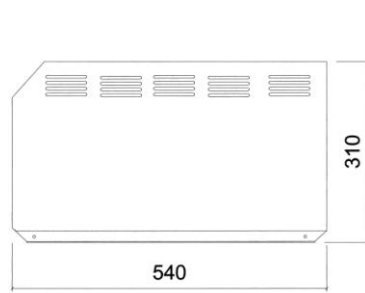
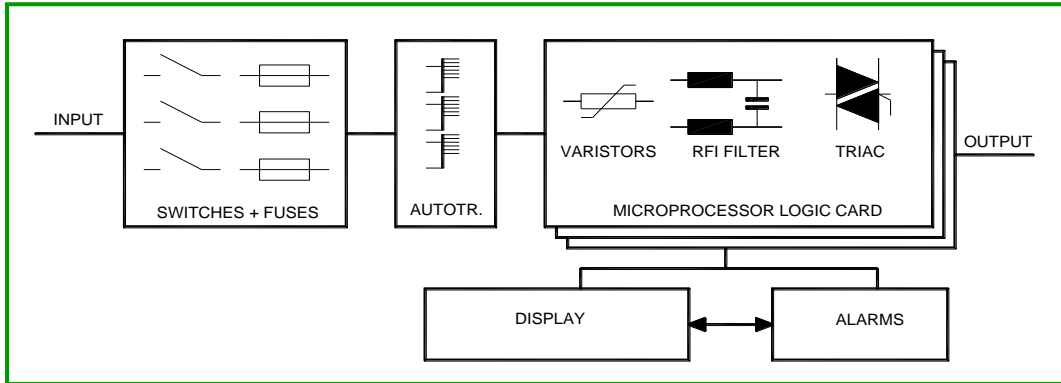
- Mains input voltage exceeding regulation limits
- Mains frequency exceeding limit
- Load lower than 25%, 50%, 75%, 100%
- Overload
- Alarm for input over voltage and/or overheating (the visual alarm is accompanied by an acoustic alarm)

The logic control is based on a microprocessor.

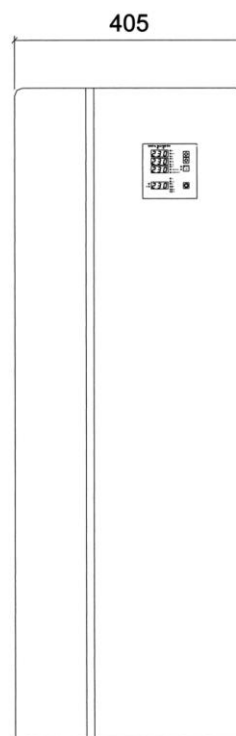
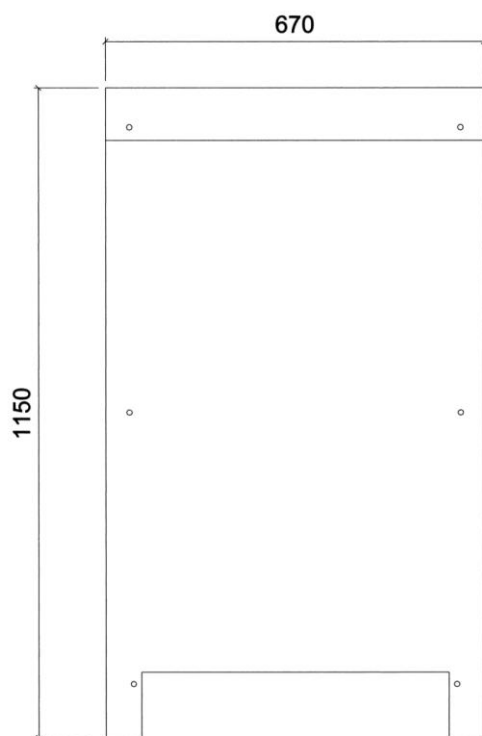
AQUARIUS STANDARD FEATURES

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

TYPE	RATED POWER [kVA]	INPUT VOLTAGE -18% +14% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE \pm 3% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
<i>E300</i>	3	400	5	400	4	>98	2	16	40
<i>E600</i>	6	400	11	400	9	>98	2	16	44
<i>E1000</i>	10	400	18	400	15	>98	2	16	48
<i>E1200</i>	12	400	21	400	17	>98	2	16	52
<i>E1500</i>	15	400	27	400	22	>98	2	16	60
<i>E3000</i>	30	400	52	400	43	>98	2	23	150



CABINET 16



CABINET 23