

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 $-18/+14\%$ ($-21/+14\%$ on request) variations of the input voltage and from short but high overvoltages (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 ϕ)
- 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.

AQUARIUS 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

AQUARIUS THREE-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]
E300	3	400	5	400	4	>98	2	16	40
E600	6	400	11	400	9	>98	2	16	44
E1000	10	400	18	400	15	>98	2	16	48
E1200	12	400	21	400	17	>98	2	16	52
E1500	15	400	27	400	22	>98	2	16	60
E3000	30	400	52	400	43	>98	2	23	150

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: 380/418 – Input/Output voltage 60Hz: 460/480