

VEGA

The VEGA stabiliser covers the power rating range between 0.3kVA and 15kVA and allows for the choice of several input voltage variation percentages within a broad range (from +30% up to -45%).

For $\pm 15\%$; $\pm 20\%$ and $\pm 25\%$; $\pm 30\%$ range, the change of stabilisation is obtained through different internal connections. Automatic magneto-thermo circuit breakers are provided on the regulation circuit to protect against overload and short circuit on the voltage regulator. The auxiliary circuit is protected by fuses. A digital voltmeter providing with the output voltage reading is fitted on the front panel. By means of a changeover contact, the stabiliser control card allows for the visual and acoustic signalling of the following alarms: minimum voltage, maximum voltage, internal overheating and overload on the voltage regulator.

The logic control is based on the microprocessor.

VEGA STANDARD FEATURES

FREQUENCY	47/65Hz
ADMITTED LOAD VARIATION	from 0 to 100%
MAINS WAVEFORM DISTORTION INCREMENT	< 0.2%
COOLING	Natural Air
AMBIENT TEMPERATURE	-15/+45 °C
STORAGE TEMPERATURE	-25/+60°C
RELATIVE HUMIDITY	95%
ADMITTED OVERLOAD	200% 2min
COLOUR	RAL 7035
PROTECTION	IP 21
INSTALLATION	Indoor

RATING IN RELATION TO THE INPUT VARIATION PERCENTAGE

$\pm 15\%$	$\pm 20\%$	$\pm 25\%$	$\pm 30\%$	-25/+15%	-35/+15%	-45/+15%
1	0.7	0.5	0.3	0.7	0.5	0.3
2.5	2	1.5	1	2	1.5	1
5	4	3	2	4	3	2
7	5	4	3	5	4	3
10	7	5	4	7	5	4
15	10	7	5	10	7	5

Any other variation range not mentioned in the table above can be dealt with on request.



VEGA ±20% ±15% AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE ±20% ±15% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±0.5% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
70-20	0.7	230	3.8	230	3	>94	12	12	16
100-15	1	230	5	230	4	>94	16	12	16
200-20	2	230	11	230	9	>96	12	12	23
250-15	2.5	230	12.5	230	11	>96	16	12	23
400-20	4	230	22	230	17.5	>97	12	12	28
500-15	5	230	25	230	22	>97	16	12	28
500-20	5	230	28	230	22	>98	12	13	41
700-15	7	230	35	230	31	>98	16	13	41
700-20	7	230	39	230	31	>98	12	13	47
1000-15	10	230	50	230	44	>98	16	13	47
1000-20	10	230	54	230	44	>98	12	13	55
1500-15	15	230	75	230	65	>98	16	13	55

VEGA ±30% ±25% AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE ±30% ±25% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±0.5% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
30-30	0.3	230	2	230	1.3	>96	8	12	16
50-25	0.5	230	3	230	2.2	>96	10	12	16
100-30	1	230	6.2	230	4	>97	8	12	23
150-25	1.5	230	9	230	6.5	>97	10	12	23
200-30	2	230	12.4	230	9	>98	8	12	28
300-25	3	230	18	230	13	>98	10	12	28
300-30	3	230	18.6	230	13.5	>98	8	13	41
400-25	4	230	23	230	17.5	>98	10	13	41
400-30	4	230	24.8	230	18	>98	8	13	47
500-25	5	230	29	230	22	>98	10	13	47
500-30	5	230	31	230	22	>98	8	13	55
700-25	7	230	41	230	31	>98	10	13	55

VEGA +15%/-25% AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

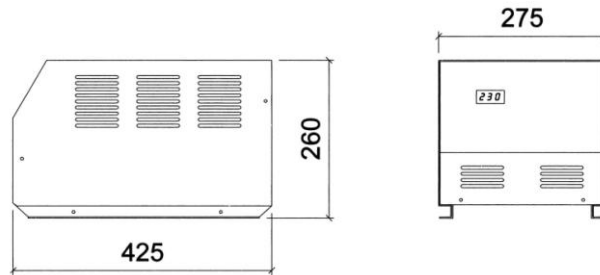
TYPE	RATED POWER [kVA]	INPUT VOLTAGE +15% -25% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE +/-0.5% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
70-15/25	0.7	230	4	230	3	>95	12	12	17
200-15/25	2	230	11	230	8	>96	12	12	24
400-15/25	4	230	23	230	17	>97	12	12	29
500-15/25	5	230	29	230	22	>97	12	13	42
700-15/25	7	230	40	230	30	>97	12	13	48
1000-15/25	10	230	58	230	43	>97	12	13	56

VEGA +15%/-35% AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

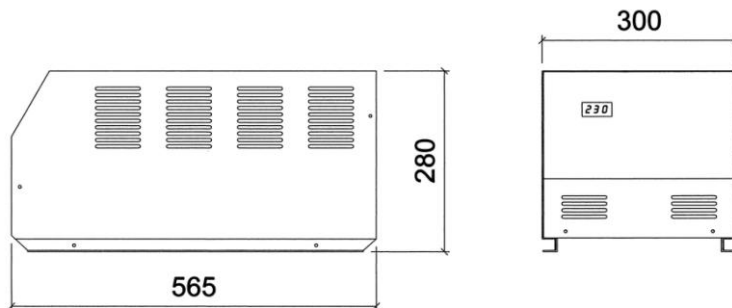
TYPE	RATED POWER [kVA]	INPUT VOLTAGE +15% -35% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE +/-0.5% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
50-15/35	0.5	230	3	230	2	>95	10	12	17
150-15/35	1.5	230	10	230	6	>96	10	12	24
300-15/35	3	230	20	230	13	>97	10	12	29
400-15/35	4	230	27	230	17	>97	10	13	42
500-15/35	5	230	33	230	22	>97	10	13	48
700-15/35	7	230	47	230	30	>97	11	13	56

VEGA +15%/-45% AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE +15% -45% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE +/-0.5% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
30-15/45	0.3	230	2.3	230	1.3	>95	8	12	17
100-15/45	1	230	8	230	4	>96	8	12	24
200-15/45	2	230	16	230	8	>97	8	12	29
300-15/45	3	230	24	230	13	>97	8	13	42
400-15/45	4	230	31	230	17	>97	8	13	48
500-15/45	5	230	39	230	22	>97	9	13	56



CABINET 12



CABINET 13