



VEGA
single-phase
0.3-25kVA

Vega stabilisers are available for different ranges of input voltage fluctuation. Standard models offer a double input connection so that with the same unit two different input variations ($\pm 15/\pm 20\%$ or $\pm 25/\pm 30\%$) can be dealt with. An automatic circuit breaker is mounted on the regulation circuit to protect against overload and short circuit on the voltage regulator, whilst the auxiliary circuit is protected by fuses. A digital display on the front panel shows the output voltage and the alarms (min/max output voltage, gear motor lock, internal overheating, regulator overload).

The control logic is based on a digital microprocessor.

All Vega stabilizers are fitted with the same control card, thus simplifying maintenance operations and spare parts storage.

Selectable output voltage (dip-switch)*	220-230-240V
Frequency	50/60Hz $\pm 5\%$
Admitted load variation	Up to 100%
Cooling	Natural ventilation
Ambient temperature	-25/+45°C
Storage temperature	-25/+60°C
Max relative humidity	95%
Admitted overload	200% 2 min.
Harmonic distortion	None introduced
Colour	RAL 7035
Protection degree	IP21
Instrumentation	Output digital multimeter
Installation	Indoor

* The output voltage can be adjusted by choosing **one** of the indicated values. Such choice sets the new nominal value as a reference for all the stabilizer parameters.

All the stabilizers are designed and built in compliance with the Low Voltage and Electromagnetic Compatibility European Directives with regard to the CE marking requirements. The products are built with suitable quality components and that the manufacturing process is constantly verified in accordance with the Quality Control Plans which the manufacturer applies in compliance with the ISO 9001:2008 Standards. The commitment towards environmental issues and safety at work matters is guaranteed by the certification of the Management System according to the ISO14001:2004 and OHSAS18001:2007 Standards. In order to obtain better performance, the products described in the present document can be altered by the manufacturer at any date and without prior notice. Technical data and descriptions do hold.

RATED POWER [kVA]	TYPE	INPUT VARIATION [%]	MAX INPUT CURRENT [A]	RATED OUTPUT CURRENT [A]	ADJUST. SPEED [ms/V]	CABINET DIMENSION WxDxH [mm]	WEIGHT [kg]
VEGA ±20%/±15% (the values listed in the table are referred to 230V nominal voltage) EFF > 96 %							
0.7	0.7-20	±20	3.8	3	12	300x460x300	16
1	1-15	±15	5	4.3	16		
2	2-20	±20	11	8.7	12	300x460x300	24
2.5	2.5-15	±15	13	11	16		
4	4-20	±20	21	17	12	300x460x300	28
5	5-15	±15	26	22	16		
5	5-20	±20	28	22	12	300x560x300	41
7	7-15	±15	35	30	16		
7	7-20	±20	38	30	12	300x560x300	47
10	10-15	±15	51	43	16		
10	10-20	±20	54	43	12	300x560x300	55
15	15-15	±15	76	65	16		
15	15-20	±20	81	65	12	410x680x1200	92
20	20-15	±15	102	87	16		
20	20-20	±20	109	87	12	410x680x1200	115
25	25-15	±15	128	109	16		
VEGA ±30%/±25% (the values listed in the table are referred to 230V nominal voltage) EFF > 96 %							
0.3	0.3-30	±30	1.9	1.3	8	300x460x300	16
0.5	0.5-25	±25	2.9	2.2	10		
1	1-30	±30	6.2	4.3	8	300x460x300	24
1.5	1.5-25	±25	8.7	6.5	10		
2	2-30	±30	12	8.7	8	300x460x300	28
3	3-25	±25	17	13	10		
3	3-30	±30	19	13	8	300x560x300	41
4	4-25	±25	23	17	10		
4	4-30	±30	25	17	8	300x560x300	47
5	5-25	±25	29	22	10		
5	5-30	±30	31	22	8	300x560x300	56
7	7-25	±25	40	30	10		
7	7-30	±30	44	30	8	410x680x1200	92
10	10-25	±25	57	43	10		
10	10-30	±30	62	43	8	410x680x1200	115
15	15-25	±25	87	65	10		

RATED POWER [kVA]	TYPE	INPUT VARIATION [%]	MAX INPUT CURRENT [A]	RATED OUTPUT CURRENT [A]	ADJUST. SPEED [ms/V]	CABINET DIMENSION WxDxH [mm]	WEIGHT [kg]
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VEGA +15%/-25% (the values listed in the table are referred to 230V nominal voltage) EFF > 96 %

0.7	0.7-15/25	+15/-25	4	3	12	300x460x300	17
2	2-15/25	+15/-25	12	8.7	12	300x460x300	25
4	4-15/25	+15/-25	23	17	12	300x460x300	29
5	5-15/25	+15/-25	29	22	12	300x560x300	42
7	7-15/25	+15/-25	40	30	12	300x560x300	48
10	10-15/25	+15/-25	57	43	12	300x560x300	56
15	15-15/25	+15/-25	87	65	12	410x680x1200	92
20	20-15/25	+15/-25	116	87	12	410x680x1200	115

VEGA +15%/-35% (the values listed in the table are referred to 230V nominal voltage) EFF > 96 %

0.5	0.5-15/35	+15/-35	3.4	2.2	10	300x460x300	17
1.5	1.5-15/35	+15/-35	10	6.5	10	300x460x300	25
3	3-15/35	+15/-35	20	13	10	300x460x300	29
4	4-15/35	+15/-35	26	17	10	300x560x300	42
5	5-15/35	+15/-35	34	22	10	300x560x300	48
7	7-15/35	+15/-35	46	30	10	300x560x300	56
10	10-15/35	+15/-35	66	43	10	410x680x1200	92
15	15-15/35	+15/-35	100	65	10	410x680x1200	115

VEGA +15%/-45% (the values listed in the table are referred to 230V nominal voltage) EFF > 96 %

0.3	0.3-15/45	+15/-45	2.4	1.3	8	300x460x300	17
1	1-15/45	+15/-45	7.8	4.3	8	300x460x300	25
2	2-15/45	+15/-45	16	8.7	8	300x460x300	29
3	3-15/45	+15/-45	24	13	8	300x560x300	42
4	4-15/45	+15/-45	31	17	8	300x560x300	48
5	5-15/45	+15/-45	40	22	8	300x560x300	56
7	7-15/45	+15/-45	55	30	8	410x680x1200	92
10	10-15/45	+15/-45	78	43	8	410x680x1200	115