
Spänningsstabilisatorer
Voltage Stabilisers

1-fas / *single-phase*

type Vega: 1 - 25 kVA
type Antares: 35 - 135 kVA

VEGA

The VEGA stabiliser covers the power rating range between 0.2kVA and 15kVA and allows for the choice of several input voltage variation percentages within a broad range from +30% up to -45%.

For $\pm 15\%$ and $\pm 20\%$ range the change of stabilisation is obtained through different internal connections.

Fuses or automatic 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.

Where provided, a buzzer is activated whenever an overload condition occurs.

On the front panel there are a pilot light that indicates when the stabiliser is connected to the mains and an **analogical voltmeter** to show the output voltage.

The logic control is based on a 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	0.5	0.3	0.2
2.5	2	1.5	1	1.5	1	0.7
5	4	3	2	3	2	1.5
7	5	4	3	4	3	2
10	7	5	4	5	-	-
15	10	7	5	7	-	-

För data för stabilisatorer med effekt 20 samt 25 kVA, eller annan storlek - begär offert

VEGA $\pm 15\%$ AUTOMATIC SINGLEPHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE $\pm 15\%$ [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE $\pm 1\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
100-15	1	230	5	230	4	>94	16	12	15
250-15	2.5	230	12.5	230	11	>96	16	12	22
500-15	5	230	25	230	22	>97	16	13	40
700-15	7	230	35	230	31	>98	16	13	42
1000-15	10	230	50	230	44	>98	16	13	50
1500-15	15	230	75	230	65	>98	16	13	55

VEGA $\pm 20\%$ AUTOMATIC SINGLEPHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE $\pm 20\%$ [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE $\pm 1\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
70-20	0.7	230	3.8	230	3	>94	12	12	15
200-20	2	230	11	230	9	>96	12	12	22
400-20	4	230	22	230	17.5	>97	12	13	40
500-20	5	230	28	230	22	>98	12	13	42
700-20	7	230	39	230	31	>98	12	13	50
1000-20	10	230	54	230	44	>98	12	13	55



VEGA ±25% AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE ±25% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±1% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
50-25	0.5	230	3	230	2.2	>96	10	12	15
150-25	1.5	230	9	230	6.5	>97	10	12	22
300-25	3	230	18	230	13	>98	10	13	40
400-25	4	230	23	230	17.5	>98	10	13	42
500-25	5	230	29	230	22	>98	10	13	50
700-25	7	230	41	230	31	>98	10	13	55

VEGA ±30% AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE ±30% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±1% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
30-30	0.3	230	2	230	1.3	>96	8	12	15
100-30	1	230	6.2	230	4	>97	8	12	22
200-30	2	230	12.4	230	9	>98	8	13	40
300-30	3	230	18.6	230	13.5	>98	8	13	42
400-30	4	230	24.8	230	18	>98	8	13	50
500-30	5	230	31	230	22	>98	8	13	55

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

TYPE	RATED POWER [kVA]	INPUT VOLTAGE -25/+15% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±1% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
50-15/25	0.5	230	3	230	2.2	>95	12	12	38
150-15/25	1.5	230	9	230	6.5	>96	12	12	42
300-15/25	3	230	18	230	13	>97	12	13	50
400-15/25	4	230	23	230	17.5	>97	12	13	55
500-15/25	5	230	29	230	22	>97	12	13	62
700-15/25	7	230	41	230	31	>97	12	13	68

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

TYPE	RATED POWER [kVA]	INPUT VOLTAGE -35/+15% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±1% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
30-15/35	0.3	230	2	230	1.3	>95	10	12	38
100-15/35	1	230	6.7	230	4	>96	10	13	42
200-15/35	2	230	13.4	230	9	>97	10	13	50
300-15/35	3	230	20	230	13	>97	10	13	55

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

TYPE	RATED POWER [kVA]	INPUT VOLTAGE -45/+15% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±1% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
20-15/45	0.2	230	1.6	230	0.9	>95	8	12	38
70-15/45	0.7	230	5.5	230	3	>96	8	13	42
150-15/45	1.5	230	11	230	6.5	>97	8	13	50
200-15/45	2	230	16	230	9	>97	8	13	55

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

ANTARES

The ANTARES stabiliser covers the power rating range between 3kVA and 100kVA and allows for the choice of several input voltage variation percentages within a broad range from +30% up to -45%.

For $\pm 15\%$ and $\pm 20\%$ range the change of stabilisation is obtained through different internal connections.

Automatic 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 buzzer is activated whenever an overload condition occurs.

The measuring instrumentation for the ANTARES stabilisers is mounted on the cabinet door and consists of a **multitask digital network analyser**. Such instrument is able to provide with information regarding the status of the line downstream the voltage stabiliser such as phase voltage, current, power factor, $\cos\phi$, active power, apparent power, reactive power, etc.

The logic control is based on a microprocessor

ANTARES STANDARD FEATURES

FREQUENCY	47/65Hz
ADMITTED LOAD VARIATION	from 0 to 100%
MAINS WAVEFORM DISTORTION INCREMENT	< 0.2%
COOLING	Aided 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%
-	-	-	-	-	5	3
-	-	-	-	10	7	5
35	25	20	15	25	20	15
50	35	25	20	35	25	20
75	50	35	25	50	35	25
100	75	50	35	75	50	35

För data för stabilisatorer med effekt 135 kVA, eller annan storlek - begär offert.

ANTARES $\pm 15\%$ AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE $\pm 15\%$ [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE $\pm 1\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
3500-15	35	230	179	230	152	>98	18	23	120
5000-15	50	230	256	230	217	>98	18	24	260
7500-15	75	230	384	230	326	>98	18	24	300
10000-15	100	230	511	230	435	>98	18	24	380



ANTARES ±20% AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE ±20% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±1% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
2500-20	25	230	136	230	109	>98	14	23	120
3500-20	35	230	190	230	152	>98	14	24	260
5000-20	50	230	271	230	217	>98	14	24	300
7500-20	75	230	407	230	325	>98	14	24	380

ANTARES ±25% AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE ±25% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±1% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
2000-25	20	230	116	230	87	>98	11	23	120
2500-25	25	230	144	230	108	>98	11	24	260
3500-25	35	230	203	230	152	>98	11	24	300
5000-25	50	230	289	230	217	>98	11	24	380

ANTARES ±30% AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE ±30% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±1% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
1500-30	15	230	93	230	65	>97	9	23	120
2000-30	20	230	124	230	87	>97	9	24	260
2500-30	25	230	156	230	109	>97	9	24	300
3500-30	35	230	217	230	152	>97	9	24	380

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

TYPE	RATED POWER [kVA]	INPUT VOLTAGE -25/+15% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±1% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
2000-15/25	20	230	116	230	87	>97	14	23	131
2500-15/25	25	230	144	230	109	>97	14	23	150
3500-15/25	35	230	203	230	152	>97	14	24	298
5000-15/25	50	230	289	230	217	>97	14	24	335
7500-15/25	75	230	435	230	326	>97	14	24	430

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

TYPE	RATED POWER [kVA]	INPUT VOLTAGE -35/+15% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±1% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
1000-15/35	10	230	67	230	44	>97	11	22	107
1500-15/35	15	230	100	230	65	>97	11	23	131
2000-15/35	20	230	134	230	87	>97	11	23	150
2500-15/35	25	230	167	230	109	>97	11	24	298
3500-15/35	35	230	234	230	152	>97	11	24	335
5000-15/35	50	230	334	230	217	>97	11	24	430

ANTARES -45%/+15% AUTOMATIC SINGLEPHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE -45/+15% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE ±1% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
700-15/45	7	230	55	230	31	>97	9	22	107
1000-15/45	10	230	79	230	44	>97	9	23	131
1500-15/45	15	230	119	230	65	>97	9	23	150
2000-15/45	20	230	158	230	87	>97	9	24	298
2500-15/45	25	230	197	230	109	>97	9	24	335
3500-15/45	35	230	276	230	152	>97	9	24	430



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