

ANTARES

The ANTARES single-phase stabiliser covers the power rating range between 7kVA and 150kVA 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 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 installed on the cabinet door and consists of a **multi-task 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.

By means of a changeover contact, the stabiliser control card allows for the 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.

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%
20	15	10	7	15	10	7
25	20	15	10	20	15	10
35	25	20	15	25	20	15
45	35	25	20	35	25	20
60	45	35	25	45	35	25
75	60	45	35	60	45	35
100	75	60	45	75	60	45
150	100	75	60	100	75	60

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

ANTARES $\pm 20\%$ $\pm 15\%$ AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE $\pm 20\%$ $\pm 15\%$ [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE $\pm 0.5\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
1500-20	15	230	81	230	65	>98	14	23	130
2000-15	20	230	102	230	87	>98	18	23	130
2000-20	20	230	109	230	87	>98	14	23	140
2500-15	25	230	128	230	109	>98	18	23	140
2500-20	25	230	136	230	109	>98	14	23	150
3500-15	35	230	179	230	152	>98	18	23	150
3500-20	35	230	190	230	152	>98	14	23	200
4500-15	45	230	230	230	196	>98	18	23	200
4500-20	45	230	244	230	196	>98	14	24	320
6000-15	60	230	307	230	261	>98	18	24	320
6000-20	60	230	326	230	261	>98	14	24	390
7500-15	75	230	384	230	326	>98	18	24	390
7500-20	75	230	407	230	326	>98	14	25	550
10000-15	100	230	511	230	435	>98	18	25	550
10000-20	100	230	544	230	435	>98	14	25	650
15000-15	150	230	767	230	652	>98	18	25	650

ANTARES $\pm 30\%$ $\pm 25\%$ AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE $\pm 30\%$ $\pm 25\%$ [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE $\pm 0.5\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
700-30	7	230	43	230	30	>98	9	23	130
1000-25	10	230	57	230	43	>98	11	23	130
1000-30	10	230	61	230	43	>98	9	23	140
1500-25	15	230	87	230	65	>98	11	23	140
1500-30	15	230	93	230	65	>98	9	23	150
2000-25	20	230	116	230	87	>98	11	23	150
2000-30	20	230	124	230	87	>98	9	24	200
2500-25	25	230	144	230	108	>98	11	24	200
2500-30	25	230	156	230	109	>98	9	24	320
3500-25	35	230	203	230	152	>98	11	24	320
3500-30	35	230	217	230	152	>98	9	24	390
4500-25	45	230	261	230	196	>98	11	24	390
4500-30	45	230	279	230	195	>98	9	25	550
6000-25	60	230	347	230	261	>98	11	25	550
6000-30	60	230	372	230	261	>98	9	25	650
7500-25	75	230	435	230	326	>98	11	25	650

ANTARES $+15\%$ -25% AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE $+15\%$ -25% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE $\pm 0.5\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
1500-15/25	15	230	87	230	65	>97	14	23	140
2000-15/25	20	230	116	230	87	>97	14	23	150
2500-15/25	25	230	145	230	108	>97	14	23	160
3500-15/25	35	230	203	230	152	>97	14	24	210
4500-15/25	45	230	261	230	195	>97	14	24	330
6000-15/25	60	230	348	230	261	>97	14	24	400
7500-15/25	75	230	435	230	326	>97	14	25	560
10000-15/25	100	230	580	230	435	>97	14	25	660

ANTARES +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]
1000-15/35	10	230	67	230	43	>97	11	23	140
1500-15/35	15	230	100	230	65	>97	11	23	150
2000-15/35	20	230	134	230	87	>97	11	23	160
2500-15/35	25	230	167	230	108	>97	11	24	210
3500-15/35	35	230	234	230	152	>97	11	24	330
4500-15/35	45	230	301	230	195	>97	11	24	400
6000-15/35	60	230	401	230	261	>97	11	25	560
7500-15/35	75	230	501	230	326	>97	11	25	660

ANTARES +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]
700-15/45	7	230	55	230	30	>97	9	23	140
1000-15/45	10	230	79	230	43	>97	9	23	150
1500-15/45	15	230	118	230	65	>97	9	23	160
2000-15/45	20	230	158	230	87	>97	9	24	210
2500-15/45	25	230	197	230	108	>97	9	24	330
3500-15/45	35	230	276	230	152	>97	9	24	400
4500-15/45	45	230	355	230	195	>97	9	25	560
6000-15/45	60	230	474	230	261	>97	9	25	660



SPECIAL ANTARES Type

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