

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 **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.

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
20	15	10	7	15	10	7
25	20	15	10	20	15	10
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

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

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]
2000-15	20	230	102	230	87	>98	18	22	80
2500-15	25	230	128	230	109	>98	18	23	100
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 $\pm 20\%$ AUTOMATIC SINGLE-PHASE 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]
1500-20	15	230	81	230	65	>98	14	22	80
2000-20	20	230	109	230	87	>98	14	23	100
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 $\pm 25\%$ AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE $\pm 25\%$ [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE $\pm 1\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
1000-25	10	230	57	230	43	>98	11	22	80
1500-25	15	230	87	230	65	>98	11	23	100
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 $\pm 30\%$ AUTOMATIC SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE $\pm 30\%$ [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE $\pm 1\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
700-30	7	230	43	230	30	>97	9	22	80
1000-30	10	230	61	230	43	>97	9	23	100
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 $\pm 1\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
1000-15/25	10	230	58	230	43	>97	14	22	80
1500-15/25	15	230	87	230	65	>97	14	22	107
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 $\pm 1\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
500-15/35	5	230	33.5	230	22	>97	11	22	80
700-15/35	7	230	47	230	31	>97	11	22	96
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 SINGLE-PHASE VOLTAGE STABILISER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE -45 / +15 % [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE $\pm 1\%$ [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET TYPE	WEIGHT [kg]
300-15/45	3	230	24	230	13.5	>97	9	22	80
500-15/45	5	230	40	230	22	>97	9	22	96
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