

LYBRA

Every VEGA and ANTARES stabiliser can be transformed into a LYBRA line conditioner by adding a set of additional components and an isolating transformer.

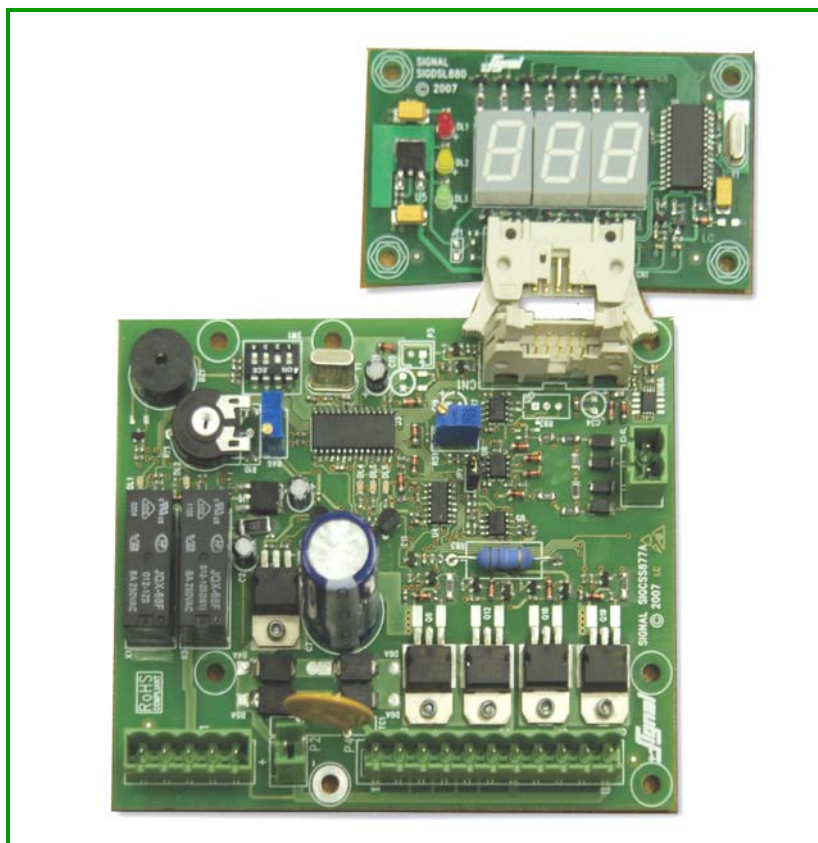
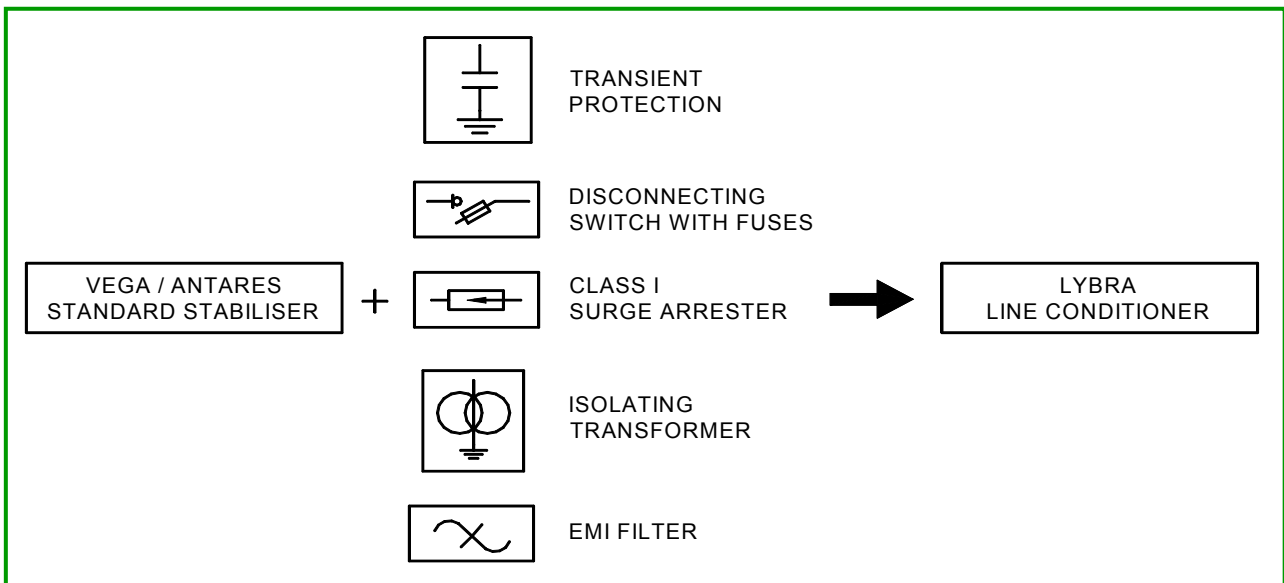
All LYBRA conditioners are single-phase and cover the power rating range between 0.3kVA and 150kVA, allowing for the choice of several input voltage variation percentages.

Being the line conditioner provided with transient protection, disconnecting switch with fuses, surge protective devices, isolating transformer and EMI filter, a higher level of protection for the user is assured.

The measuring instrumentation for LYBRA 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 and linked voltages, current, power factor, active power, apparent power, reactive power, etc.

The logic control is based on the microprocessor.



LYBRA ±20% / ±15% SINGLE-PHASE LINE CONDITIONER

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	22	30
100-15	1	230	5	230	4	>94	16	22	30
200-20	2	230	11	230	9	>96	12	22	45
250-15	2.5	230	12.5	230	11	>96	16	22	45
400-20	4	230	22	230	17.5	>97	12	22	80
500-15	5	230	25	230	22	>97	16	22	80
500-20	5	230	28	230	22	>98	12	23	90
700-15	7	230	35	230	31	>98	16	23	90
700-20	7	230	39	230	31	>98	12	23	110
1000-15	10	230	50	230	44	>98	16	23	110
1000-20	10	230	54	230	44	>98	12	23	130
1500-15	15	230	75	230	65	>98	16	23	130
1500-20	15	230	81	230	65	>98	14	28	180
2000-15	20	230	102	230	87	>98	18	28	180
2000-20	20	230	109	230	87	>98	14	28	200
2500-15	25	230	128	230	109	>98	18	28	200
2500-20	25	230	136	230	109	>98	14	28	220
3500-15	35	230	179	230	152	>98	18	28	220
3500-20	35	230	190	230	152	>98	14	29	300
4500-15	45	230	230	230	196	>98	18	29	300
4500-20	45	230	244	230	196	>98	14	29	400
6000-15	60	230	307	230	261	>98	18	29	400
6000-20	60	230	326	230	261	>98	14	29	500
7500-15	75	230	384	230	326	>98	18	29	500
7500-20	75	230	407	230	326	>98	14	26	680
10000-15	100	230	511	230	435	>98	18	26	680
10000-20	100	230	544	230	435	>98	14	26	800
15000-15	150	230	767	230	652	>98	18	26	800

LYBRA ±30% / ±25% SINGLE-PHASE LINE CONDITIONER

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	22	30
50-25	0.5	230	3	230	2.2	>96	10	22	30
100-30	1	230	6.2	230	4	>97	8	22	45
150-25	1.5	230	9	230	6.5	>97	10	22	45
200-30	2	230	12.4	230	9	>98	8	22	80
300-25	3	230	18	230	13	>98	10	22	80
300-30	3	230	18.6	230	13.5	>98	8	23	90
400-25	4	230	23	230	17.5	>98	10	23	90
400-30	4	230	24.8	230	18	>98	8	23	110
500-25	5	230	29	230	22	>98	10	23	110
500-30	5	230	31	230	22	>98	8	23	130
700-25	7	230	41	230	31	>98	10	23	130
700-30	7	230	43	230	30	>98	9	28	180
1000-25	10	230	57	230	43	>98	11	28	180
1000-30	10	230	61	230	43	>98	9	28	200
1500-25	15	230	87	230	65	>98	11	28	200
1500-30	15	230	93	230	65	>98	9	28	220
2000-25	20	230	116	230	87	>98	11	28	220
2000-30	20	230	124	230	87	>98	9	29	300
2500-25	25	230	144	230	108	>98	11	29	300
2500-30	25	230	156	230	109	>98	9	29	400
3500-25	35	230	203	230	152	>98	11	29	400
3500-30	35	230	217	230	152	>98	9	29	500
4500-25	45	230	261	230	196	>98	11	29	500
4500-30	45	230	279	230	195	>98	9	26	680
6000-25	60	230	347	230	261	>98	11	26	680
6000-30	60	230	372	230	261	>98	9	26	800
7500-25	75	230	435	230	326	>98	11	26	800

LYBRA +15%/-25% SINGLE-PHASE LINE CONDITIONER

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	22	30
200-15/25	2	230	11	230	8	>96	12	22	45
400-15/25	4	230	23	230	17	>97	12	22	80
500-15/25	5	230	29	230	22	>97	12	23	90
700-15/25	7	230	40	230	30	>97	12	23	110
1000-15/25	10	230	58	230	43	>97	12	23	130
1500-15/25	15	230	87	230	65	>97	14	28	180
2000-15/25	20	230	116	230	87	>97	14	28	200
2500-15/25	25	230	145	230	108	>97	14	28	220
3500-15/25	35	230	203	230	152	>97	14	29	300
4500-15/25	45	230	261	230	195	>97	14	29	400
6000-15/25	60	230	348	230	261	>97	14	29	500
7500-15/25	75	230	435	230	326	>97	14	26	680
10000-15/25	100	230	580	230	435	>97	14	26	800

LYBRA +15%/-35% SINGLE-PHASE LINE CONDITIONER

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	22	30
150-15/35	1.5	230	10	230	6	>96	10	22	45
300-15/35	3	230	20	230	13	>97	10	22	80
400-15/35	4	230	27	230	17	>97	10	23	90
500-15/35	5	230	33	230	22	>97	10	23	110
700-15/35	7	230	47	230	30	>97	11	23	130
1000-15/35	10	230	67	230	43	>97	11	28	180
1500-15/35	15	230	100	230	65	>97	11	28	200
2000-15/35	20	230	134	230	87	>97	11	28	220
2500-15/35	25	230	167	230	108	>97	11	29	300
3500-15/35	35	230	234	230	152	>97	11	29	400
4500-15/35	45	230	301	230	195	>97	11	29	500
6000-15/35	60	230	401	230	261	>97	11	26	680
7500-15/35	75	230	501	230	326	>97	11	26	800

LYBRA +15%/-45% SINGLE-PHASE LINE CONDITIONER

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	22	30
100-15/45	1	230	8	230	4	>96	8	22	45
200-15/45	2	230	16	230	8	>97	8	22	80
300-15/45	3	230	24	230	13	>97	8	23	90
400-15/45	4	230	31	230	17	>97	8	23	110
500-15/45	5	230	39	230	22	>97	9	23	130
700-15/45	7	230	55	230	30	>97	9	28	180
1000-15/45	10	230	79	230	43	>97	9	28	200
1500-15/45	15	230	118	230	65	>97	9	28	220
2000-15/45	20	230	158	230	87	>97	9	29	300
2500-15/45	25	230	197	230	108	>97	9	29	400
3500-15/45	35	230	276	230	152	>97	9	29	500
4500-15/45	45	230	355	230	195	>97	9	26	680
6000-15/45	60	230	474	230	261	>97	9	26	800



DISCOVERY 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