

## ARIES

*Every ORION Y stabiliser can be transformed into an ARIES line conditioner by adding a set of additional components and an isolating transformer.*

All ARIES are three-phase and cover the power rating range between 2kVA and 450kVA, allowing for the choice of several input voltage variation percentages.

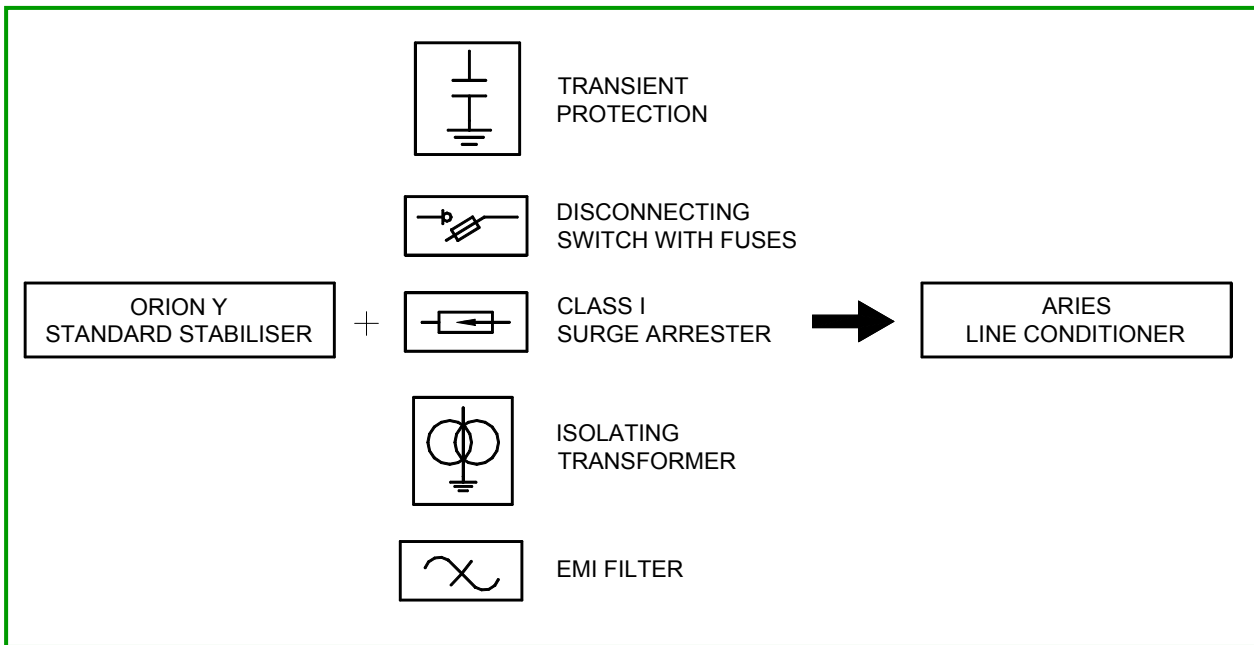
The ARIES are available with independent regulation only.

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 ARIES 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.**



### ARIES ±20% ±15% THREE-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]
Y4-20	4	400	7	400	6	>95	12	27	140
Y5-15	5	400	8	400	7	>95	16	27	140
Y7-20	7	400	13	400	10	>96	12	27	150
Y10-15	10	400	16	400	14	>96	16	27	150
Y10-20	10	400	17	400	14	>97	12	27	280
Y15-15	15	400	25	400	21	>97	16	27	280
Y15-20	15	400	26	400	21	>98	12	28	290
Y20-15	20	400	33	400	28	>98	16	28	290
Y20-20	20	400	36	400	29	>98	12	28	340
Y30-15	30	400	50	400	43	>98	16	28	340
Y30-20	30	400	54	400	43	>98	12	28	380
Y45-15	45	400	76	400	65	>98	16	28	380
Y45-20	45	400	81	400	65	>98	14	29	520
Y60-15	60	400	102	400	87	>98	18	29	520
Y60-20	60	400	107	400	86	>98	14	29	700
Y75-15	75	400	126	400	108	>98	18	29	700
Y75-20	75	400	135	400	108	>98	14	29	840
Y105-15	105	400	176	400	152	>98	18	29	840
Y105-20	105	400	187	400	150	>98	14	26	1020
Y135-15	135	400	229	400	195	>98	18	26	1020
Y135-20	135	400	244	400	195	>98	14	26	1400
Y175-15	175	400	297	400	253	>98	18	26	1400
Y175-20	175	400	316	400	253	>98	14	26	1800
Y230-15	230	400	390	400	332	>98	18	26	1800
Y230-20	230	400	415	400	332	>98	14	26	1840
Y300-15	300	400	509	400	433	>98	18	26	1840
Y300-20	300	400	542	400	433	>98	14	42	2400
Y450-15	450	400	765	400	650	>98	18	42	2400

### ARIES ±30% ±25% THREE-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]
Y2-30	2	400	4	400	3	>96	8	27	140
Y3-25	3	400	6	400	4	>96	10	27	140
Y3-30	3	400	6	400	4	>96	8	27	150
Y4-25	4	400	8	400	6	>97	10	27	150
Y4-30	4	400	8	400	6	>97	8	27	280
Y7-25	7	400	13	400	10	>98	10	27	280
Y7-30	7	400	14	400	10	>98	8	28	290
Y10-25	10	400	19	400	14	>98	10	28	290
Y10-30	10	400	20	400	14	>98	8	28	340
Y15-25	15	400	29	400	22	>98	10	28	340
Y15-30	15	400	31	400	22	>98	8	28	380
Y20-25	20	400	38	400	29	>98	10	28	380
Y20-30	20	400	41	400	29	>98	9	29	520
Y30-25	30	400	57	400	43	>98	11	29	520
Y30-30	30	400	61	400	43	>98	9	29	700
Y45-25	45	400	86	400	65	>98	11	29	700
Y45-30	45	400	93	400	65	>98	9	29	840
Y60-25	60	400	115	400	86	>98	11	29	840
Y60-30	60	400	123	400	87	>98	9	26	1020
Y75-25	75	400	144	400	108	>98	11	26	1020
Y75-30	75	400	154	400	108	>98	9	26	1400
Y105-25	105	400	203	400	152	>98	11	26	1400
Y105-30	105	400	217	400	152	>98	9	26	1800
Y135-25	135	400	260	400	195	>98	11	26	1800
Y135-30	135	400	278	400	195	>98	9	26	1840
Y175-25	175	400	337	400	253	>98	11	26	1840
Y175-30	175	400	361	400	253	>98	9	42	2400
Y230-25	230	400	443	400	332	>98	14	42	2400

### ARIES +15%/-25% THREE-PHASE LINE CONDITIONER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE -25% +15% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE +/-0.5% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
Y4-15/25	4	400	8	400	6	>94	12	27	140
Y7-15/25	7	400	13	400	10	>95	12	27	150
Y10-15/25	10	400	19	400	14	>96	12	27	280
Y15-15/25	15	400	27	400	22	>97	12	28	290
Y20-15/25	20	400	39	400	29	>97	12	28	340
Y30-15/25	30	400	57	400	43	>97	12	28	380
Y45-15/25	45	400	87	400	65	>97	14	29	520
Y60-15/25	60	400	116	400	87	>97	14	29	700
Y75-15/25	75	400	144	400	108	>97	14	29	840
Y105-15/25	105	400	202	400	152	>97	14	26	1020
Y135-15/25	135	400	260	400	195	>97	14	26	1400
Y175-15/25	175	400	337	400	253	>97	14	26	1800
Y230-15/25	230	400	443	400	332	>97	14	26	1840
Y300-15/25	300	400	578	400	433	>97	14	42	2400

### ARIES +15%/-35% THREE-PHASE LINE CONDITIONER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE -35% +15% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE +/-0.5% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
Y3-15/35	3	400	7	400	4	>94	10	27	140
Y4-15/35	4	400	9	400	6	>95	10	27	150
Y7-15/35	7	400	15	400	10	>96	10	27	280
Y10-15/35	10	400	21	400	14	>97	10	28	290
Y15-15/35	15	400	33	400	22	>97	10	28	340
Y20-15/35	20	400	44	400	29	>97	10	28	380
Y30-15/35	30	400	66	400	43	>97	11	29	520
Y45-15/35	45	400	100	400	65	>97	11	29	700
Y60-15/35	60	400	133	400	87	>97	11	29	840
Y75-15/35	75	400	166	400	108	>97	11	26	1020
Y105-15/35	105	400	234	400	152	>97	11	26	1400
Y135-15/35	135	400	300	400	195	>97	11	26	1800
Y175-15/35	175	400	389	400	253	>97	11	26	1840
Y230-15/35	230	400	511	400	332	>97	11	42	2400

### ARIES +15%/-45% THREE-PHASE LINE CONDITIONER

TYPE	RATED POWER [kVA]	INPUT VOLTAGE -45% +15% [V]	MAX INPUT CURRENT [A]	OUTPUT VOLTAGE +/-0.5% [V]	RATED OUTPUT CURRENT [A]	EFFICIENCY [%]	RESPONSE TIME [ms/V]	CABINET	WEIGHT [kg]
Y2-15/45	2	400	5	400	3	>94	8	27	140
Y3-15/45	3	400	8	400	4	>95	8	27	150
Y4-15/45	4	400	10	400	6	>95	8	27	280
Y7-15/45	7	400	18	400	10	>96	8	28	290
Y10-15/45	10	400	25	400	14	>97	8	28	340
Y15-15/45	15	400	39	400	22	>97	8	28	380
Y20-15/45	20	400	52	400	29	>97	9	29	520
Y30-15/45	30	400	79	400	43	>97	9	29	700
Y45-15/45	45	400	118	400	65	>97	9	29	840
Y60-15/45	60	400	158	400	87	>97	9	26	1020
Y75-15/45	75	400	196	400	108	>97	9	26	1400
Y105-15/45	105	400	276	400	152	>97	9	26	1800
Y135-15/45	135	400	354	400	195	>97	9	26	1840
Y175-15/45	175	400	460	400	253	>97	9	42	2400



**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: 380/415V - Input output voltage 60Hz: 460/480V