



Standard features

Selectable output voltage (dip-switch)*	220-230-240V
Output voltage accuracy	±0,5%
Frequency	50Hz ±5% or 60Hz ±5%
Admitted load variation	Up to 100%
Cooling	Natural ventilation (aided with fans)
Ambient temperature	-25/+45°C
Storage temperature	-25/+60°C
Max relative humidity	<95% (non condensing)
Admitted overload	200% 2min.
Harmonic distortion	None introduced
Colour	RAL 7035
Protection degree	IP 21
Instrumentation	Output digital multimeter
Installation	Indoor
Overvoltage protection	Output class II surge arrestors

* Output voltage can be adjusted by choosing one of the indicated values.
Such choice sets the new nominal value as a reference for all the stabiliser parameters.

Ratings in relation to the input variation percentage

±15%	±20%	±25%	±30%	+15/-25%	+15/-35%	+15/-45%
35	25	20	15	25	20	15
45	35	25	20	35	25	20
60	45	35	25	45	35	25
80	60	45	35	60	45	35
100	80	60	45	80	60	45
135	100	80	60	100	80	60

Accessories

Interrupting devices
Load protection against over/undervoltage
Manual by-pass line
Input isolating transformer
SPD surge arrestor
EMI/RFI filters
Up to IP55 protection degree for indoor and outdoor installation



All ORTEA equipments are designed and built in compliance with the Low Voltage and Electromagnetic Compatibility European Directives with regard to the CE marking requirements. ORTEA products are built with suitable quality components and that the manufacturing process is constantly verified in accordance with the Quality Control Plans which the Company applies in compliance with the ISO 9001 Standards. The commitment towards environmental issues and safety at work issues is guaranteed by the certification of the Management System according to the ISO14001 and OHSAS18001 Standards. In order to obtain better performance, the products described in the present document can be altered by the Company at any date and without prior notice. Technical data and descriptions do not hold therefore any contractual value.

Type	Input variation	Rated power	Input voltage range	Max input current	Output voltage	Rated output current	Eff.	Adjus. speed	Cabinet type	Cabinet dimensions WxDxH	Weight
	[%]	[kVA]	[V]	[A]	[V]	[A]	[%]	[ms/V]		[mm]	[kg]

Antares ±20%/±15%

25-20	±20	25	184-276	136	230	109	>98	12	23	410x680x1200	180
35-15	±15	35	195-265	179	230	152	>98	16	23	410x680x1200	180
35-20	±20	35	184-276	190	230	152	>98	12	31	600x600x1600	200
45-15	±15	45	195-265	231	230	196	>98	16	31	600x600x1600	200
45-20	±20	45	184-276	245	230	196	>98	12	40	600x800x1600	320
60-15	±15	60	195-265	308	230	261	>98	16	40	600x800x1600	320
60-20	±20	60	184-276	326	230	261	>98	12	40	600x800x1600	390
80-15	±15	80	195-265	410	230	348	>98	16	40	600x800x1600	390
80-20	±20	80	184-276	435	230	348	>98	12	51	600x800x1800	550
100-15	±15	100	195-265	513	230	435	>98	16	51	600x800x1800	550
100-20	±20	100	184-276	543	230	435	>98	12	51	600x800x1800	650
135-15	±15	135	195-265	692	230	587	>98	16	51	600x800x1800	650

The values listed in the table are referred to 230V nominal voltage

Antares ±30%/±25%

15-30	±30	15	161-300	93	230	65	>98	8	23	410x680x1200	180
20-25	±25	20	172-288	116	230	87	>98	10	23	410x680x1200	180
20-30	±30	20	161-300	124	230	87	>98	8	31	600x600x1600	200
25-25	±25	25	172-288	145	230	109	>98	10	31	600x600x1600	200
25-30	±30	25	161-300	155	230	109	>98	8	40	600x800x1600	320
35-25	±25	35	172-288	203	230	152	>98	10	40	600x800x1600	320
35-30	±30	35	161-300	217	230	152	>98	8	40	600x800x1600	390
45-25	±25	45	172-288	262	230	196	>98	10	40	600x800x1600	390
45-30	±30	45	161-300	280	230	196	>98	8	51	600x800x1800	550
60-25	±25	60	172-288	349	230	261	>98	10	51	600x800x1800	550
60-30	±30	60	161-300	373	230	261	>98	8	51	600x800x1800	650
80-25	±25	80	172-288	465	230	348	>98	10	51	600x800x1800	650

The values listed in the table are referred to 230V nominal voltage

Type	Input variation	Rated power	Input voltage range	Max input current	Output voltage	Rated output current	Eff.	Adjus. speed	Cabinet type	Cabinet dimensions WxDxH	Weight
	[%]	[kVA]	[V]	[A]	[V]	[A]	[%]	[ms/V]		[mm]	[kg]

Antares +15%/-25%											
25-15/25	+15/-25	25	172-265	145	230	109	>98	14	23	410x680x1200	190
35-15/25	+15/-25	35	172-265	203	230	152	>98	14	31	600x600x1600	210
45-15/25	+15/-25	45	172-265	262	230	196	>98	14	40	600x800x1600	330
60-15/25	+15/-25	60	172-265	349	230	261	>98	14	40	600x800x1600	400
80-15/25	+15/-25	80	172-265	465	230	348	>98	14	51	600x800x1800	560
100-15/25	+15/-25	100	172-265	581	230	435	>98	14	51	600x800x1800	660

The values listed in the table are referred to 230V nominal voltage

Antares +15%/-35%											
20-15/35	+15/-35	20	150-265	133	230	87	>98	11	23	410x680x1200	200
25-15/35	+15/-35	25	150-265	167	230	109	>98	11	31	600x600x1600	220
35-15/35	+15/-35	35	150-265	233	230	152	>98	11	40	600x800x1600	340
45-15/35	+15/-35	45	150-265	300	230	196	>98	11	40	600x800x1600	410
60-15/35	+15/-35	60	150-265	400	230	261	>98	11	51	600x800x1800	570
80-15/35	+15/-35	80	150-265	533	230	348	>98	11	51	600x800x1800	670

The values listed in the table are referred to 230V nominal voltage

Antares +15%/-45%											
15-15/45	+15/-45	15	126-265	119	230	65	>98	9	23	410x680x1200	210
20-15/45	+15/-45	20	126-265	159	230	87	>98	9	31	600x600x1600	230
25-15/45	+15/-45	25	126-265	198	230	109	>98	9	40	600x800x1600	350
35-15/45	+15/-45	35	126-265	278	230	152	>98	9	40	600x800x1600	420
45-15/45	+15/-45	45	126-265	357	230	196	>98	9	51	600x800x1800	580
60-15/45	+15/-45	60	126-265	476	230	261	>98	9	51	600x800x1800	680

The values listed in the table are referred to 230V nominal voltage

CABINET SIZE

Type	Dimensions [mm]		
	W	D	H
11	210	400	200
12	300	460	300
13	300	560	300
21	300	500	900
22	410	530	1200
23	410	680	1200
31	600	600	1600
32	600	600	2000
33	800	600	2000
35	800	600	1800
36	1200	600	1600
37	1200	600	2000
40	600	800	1600
41	1000	800	1800
42	800	800	2000
43	1200	800	1600
44	2000	800	2000
46	1800	800	1600
47	1600	800	1800
48	2200	800	1800
49	2200	800	2000
50	2400	800	1800

Type	Dimensions [mm]		
	W	D	H
51	600	800	1800
52	1800	800	2000
53	1200	800	2000
54	600	800	2000
55	1200	800	1800
56	1800	800	1800
57	2400	800	2000
58	3000	800	2000
59	3600	800	2100
60	600	1000	1800
61	1200	1000	1800
62	1800	1000	2000
63	2400	1000	2000
64	3000	1000	2000
65	3600	1000	2000
66	4200	1000	2000
67	1200	1000	2000
68	800	1000	2000
70	3600	1000	2100
71	4200	1000	2100
72	4800	1000	2100
73	5400	1000	2100

Type	Dimensions [mm]		
	W	D	H
74	6000	1000	2100
75	6600	1000	2100
76	7200	1000	2100
80	3600	1400	2200
81	4200	1400	2200
82	4800	1400	2200
83	5400	1400	2200
84	6000	1400	2200
85	6600	1400	2200
86	7200	1400	2200
87	7800	1400	2200
86	7200	1400	2200
88	7000	1400	2200
89	8000	1400	2200
90	4200	2000	2400
91	5400	2000	2400
92	6000	2000	2400
93	6600	2000	2400
94	7200	2000	2400
95	8400	2000	2400