WARRANTY 2 YEARS

Vega

single-phase
0.3-25kVA

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
Ambient temperature	-25/+45°C
Storage temperature	-25/+60°C
Max relative humidity	95% (non condensing)
Admitted overload	200% 2 min.
Harmonic distortion	None introduced
Colour	RAL 7035
Protection degree	IP21
Instrumentation	Output digital voltmetre
Installation	Indoor

* The 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.

Accessories

Interrupting devices
Load protection against over/undervoltage
Manual by-pass line
Input isolating transformer
SPD surge arrestor
EMI/RFI filters
IP54 protection degree for indoor and outdoor installation

Rating in relation to the input variation percentage

±15%	±20%	±25%	±30%	+15%/-25%	+15%/-35%	+15%/-45%
1	0.7	0.5	0.3	0.7	0.5	0.3
2.5	2	1.5	1	2	1.5	1
5	4	3	2	4	3	2
7	5	4	3	5	4	3
10	7	5	4	7	5	4
15	10	7	5	10	7	5
20	15	10	7	15	10	7
25	20	15	10	20	15	10

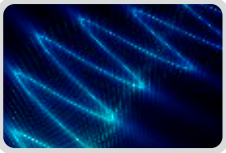
ORTEA

CE

All ORTEA stabilisers 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 9001:2015 Standards. The commitment towards environmental issues and safety at work issues is guaranteed by the certification of the Management System according to the ISO14001:2015 and OHSAS18001:2007 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.

Vega
single-phase
0.3-25kVA

Vega stabilisers are available for different ranges of input voltage fluctuation.
Standard models offer a **double input connection** so that with the same unit two different input variations (±15/±20% or ±25/±30%) can be dealt with.
An **automatic circuit breaker** is mounted on the regulation circuit **to protect** against overload and short circuit on the voltage regulator, whilst the auxiliary circuit is protected by **fuses**.
A **digital display** on the front panel shows the output voltage and the alarms (min/max output voltage, gearmotor lock, internal overheating, regulator overload)
The control logic is based on a digital **microprocessor**.
All Vega stabilisers are fitted with the **same control card**, thus simplifying maintenance operations and spare parts storage.



Wide range
– symmetrical: **±15%**, **±20%**, **±25%**, **±30%** (other on request)
– asyimmetrical: **+15%/-25%**, **+15%/-35%**, **+15%/-45%** (other on request)
Output voltage accuracy: **±0.5%**.

Technology
Control logic based on digital **microprocessor** operating with a software specifically developed for Ortea.

Long life
Ortea system voltage regulator with **rollers** (without brushes, which are subject to heavy wear & tear).

Protection
The voltage regulator is protected by a **circuit breaker** with magneto thermal release.
The auxiliary circuit is protected by **fuses**.

Instrumentation
A **digital display** providing with output voltage and alarm readings is fitted on the front panel.

Vega
single-phase
0.3-25kVA

Type	Input voltage variation range	Rating	Input voltage range	Maximum input current	Output voltage ±0.5%	Output current	Efficiency	Speed regulation	Cabinet	Weight
	[%]	[kVA]	[V]	[A]	[V]	[A]	[%]	[ms/V]	Type	[kg]
Input voltage variation range **±20%/±15%** (the values listed in the table are referred to 230V nominal voltage)										
0.7-20	±20	0.7	184-276	3.8	230	3	>96	12	12	16
1-15	±15	1	195-265	5		4.3		16		
2-20	±20	2	184-276	11	230	8.7	>96	12	12	24
2.5-15	±15	2.5	195-265	13		11		16		
4-20	±20	4	184-276	22	230	17	>96	12	12	28
5-15	±15	5	195-265	26		22		16		
5-20	±20	5	184-276	27	230	22	>98	12	13	41
7-15	±15	7	195-265	36		30		16		
7-20	±20	7	184-276	38	230	30	>98	12	13	47
10-15	±15	10	195-265	51		43		16		
10-20	±20	10	184-276	54	230	43	>98	12	13	55
15-15	±15	15	195-265	77		65		16		
15-20	±20	15	184-276	82	230	65	>98	12	22	125
20-15	±15	20	195-265	103		87		16		
20-20	±20	20	184-276	109	230	87	>98	12	22	145
25-15	±15	25	195-265	128		109		16		
Input voltage variation range **±30%/±25%** (the values listed in the table are referred to 230V nominal voltage)										
0.3-30	±30	0.3	161-300	1.9	230	1.3	>96	8	12	16
0.5-25	±25	0.5	172-288	2.9		2.2		10		
1-30	±30	1	161-300	6.2	230	4.3	>96	8	12	24
1.5-25	±25	1.5	172-288	8.7		6.5		10		
2-30	±30	2	161-300	12	230	8.7	>96	8	12	28
3-25	±25	3	172-288	17		13		10		
3-30	±30	3	161-300	19	230	13	>98	8	13	41
4-25	±25	4	172-288	23		17		10		
4-30	±30	4	161-300	25	230	17	>98	8	13	47
5-25	±25	5	172-288	29		22		10		
5-30	±30	5	161-300	31	230	22	>98	8	13	56
7-25	±25	7	172-288	41		30		10		
7-30	±30	7	161-300	43	230	30	>98	8	22	125
10-25	±25	10	172-288	58		43		10		
10-30	±30	10	161-300	62	230	43	>98	8	22	145
15-25	±25	15	172-288	87		65		10		

Vega
single-phase
0.3-25kVA

Type	Input voltage variation range	Rating	Input voltage range	Maximum input current	Output voltage ±0.5%	Output current	Efficiency	Speed regulation	Cabinet	Weight
	[%]	[kVA]	[V]	[A]	[V]	[A]	[%]	[ms/V]	Type	[kg]
Input voltage variation range **+15%/-25%** (the values listed in the table are referred to 230V nominal voltage)										
0.7-15/25	+15/-25	0.7	172-265	4	230	3	>96	12	12	17
2-15/25	+15/-25	2	172-265	12	230	8.7	>96	12	12	25
4-15/25	+15/-25	4	172-265	23	230	17	>96	12	12	29
5-15/25	+15/-25	5	172-265	29	230	22	>98	12	13	42
7-15/25	+15/-25	7	172-265	41	230	30	>98	12	13	48
10-15/25	+15/-25	10	172-265	58	230	43	>98	12	13	56
15-15/25	+15/-25	15	172-265	87	230	65	>98	12	22	125
20-15/25	+15/-25	20	172-265	116	230	87	>98	12	22	145
Input voltage variation range **+15%/-35%** (the values listed in the table are referred to 230V nominal voltage)										
0.5-15/35	+15/-35	0.5	150-265	3.4	230	2.2	>96	10	12	17
1.5-15/35	+15/-35	1.5	150-265	10	230	6.5	>96	10	12	25
3-15/35	+15/-35	3	150-265	20	230	13	>96	10	12	29
4-15/35	+15/-35	4	150-265	27	230	17	>98	10	13	42
5-15/35	+15/-35	5	150-265	33	230	22	>98	10	13	48
7-15/35	+15/-35	7	150-265	47	230	30	>98	10	13	56
10-15/35	+15/-35	10	150-265	67	230	43	>98	10	22	125
15-15/35	+15/-35	15	150-265	100	230	65	>98	10	22	145
Input voltage variation range **+15%/-45%** (the values listed in the table are referred to 230V nominal voltage)										
0.3-15/45	+15/-45	0.3	126-265	2.4	230	1.3	>96	8	12	17
1-15/45	+15/-45	1	126-265	7.8	230	4.3	>96	8	12	25
2-15/45	+15/-45	2	126-265	16	230	8.7	>96	8	12	29
3-15/45	+15/-45	3	126-265	24	230	13	>98	8	13	42
4-15/45	+15/-45	4	126-265	32	230	17	>98	8	13	48
5-15/45	+15/-45	5	126-265	40	230	22	>98	8	13	56
7-15/45	+15/-45	7	126-265	56	230	30	>98	8	22	125
10-15/45	+15/-45	10	126-265	79	230	43	>98	8	22	145