ttf | transformatoren technologie friesland

ANTARES

single-phase
15-135kVA

Antares stabilizers 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 can be dealt with.

An automatic circuit breaker is provided on the regulation circuit to protect against overload and short circuit on the voltage regulator whilst the auxiliary circuit is protected by fuses.

The instrumentation consists of a digital multimeter installed on the cabinet front panel. The alarms (min/max output voltage, gear-motor lock, internal overheating, regulator overload) are recognizable by means of LEDs on the control card.
The control logic is based on a digital microprocessor.
All Antares stabilizers are fitted with the same control card, thus simplifying maintenance operations and spare parts storage.

Selectable output voltage (dip-switch)*	220-230-240V
Frequency	50/60Hz ±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%
Admitted overload	200% 2 min.
Harmonic distortion	None introduced
Colour	RAL 7035
Protection degree	IP21
Instrumentation	Output digital multimetre
Installation	Indoor
Overvoltage protection	Class II output surge arrestor

* 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 stabilizer parameters.

Accessories - available on request

- 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

ttf GmbH
Wangerstr. 13
D-26441 Jever
Deutschland

E-Mail: info@ttf.de
URL: www.ttf.de
Tel.: +49 4461 7486 330
Fax.: +49 4461 7486 331

Sitz der Gesellschaft: Jever
Amtsgericht: Oldenburg HRB 211014
Geschäftsführer: Dipl.-Ing Carsten Reeb,
Lukas Jimeno Hoffmann

Volksbank Jever
DE15 2826 2254 1190 3490 00
GENODEF1JEV
USt.-IdNr.: DE812422001

ttf transformatoren technologie friesland

±20%/±15% (the values listed in the table are referred to 230V nominal voltage), EFF >98%

RATED POWER [kVA]	TYPE	INPUT VARIATION [%]	MAX INPUT CURRENT [A]	RATED OUTPUT CURRENT [A]	ADJUST. SPEED [ms/V]	CABINET DIMENSION WxDxH [mm]	WEIGHT [kg]
25	25-20	±20	136	109	12	410x680x1200	180
35	35-15	±15	179	152	16		
35	35-20	±20	190	152	12	600x600x1600	200
45	45-15	±15	230	196	16		
45	45-20	±20	245	196	12	600x800x1600	320
60	60-15	±15	307	261	16		
60	60-20	±20	326	261	12	600x800x1600	390
80	80-15	±15	409	348	16		
80	80-20	±20	435	348	12	600x800x1800	550
100	100-15	±15	511	435	16		
100	100-20	±20	544	435	12	600x800x1800	650
135	135-15	±15	690	587	16		

±30%/±25% (the values listed in the table are referred to 230V nominal voltage), EFF >98%

RATED POWER [kVA]	TYPE	INPUT VARIATION [%]	MAX INPUT CURRENT [A]	RATED OUTPUT CURRENT [A]	ADJUST. SPEED [ms/V]	CABINET DIMENSION WxDxH [mm]	WEIGHT [kg]
15	15-30	±30	93	65	8	410x680x1200	180
20	20-25	±25	116	87	10		
20	20-30	±30	124	87	8	600x600x1600	200
25	25-25	±25	145	109	10		
25	25-30	±30	156	109	8	600x800x1600	320
35	35-25	±25	203	152	10		
35	35-30	±30	217	152	8	600x800x1600	390
45	45-25	±25	261	196	10		
45	45-30	±30	279	196	8	600x800x1800	550
60	60-25	±25	348	261	10		
60	60-30	±30	373	261	8	600x800x1800	650
80	80-25	±25	464	348	10		

ttf GmbH
Wangerstr. 13
D-26441 Jever
Deutschland

E-Mail: info@ttf.de
URL: www.ttf.de
Tel.: +49 4461 7486 330
Fax.: +49 4461 7486 331

Sitz der Gesellschaft: Jever
Amtsgericht: Oldenburg HRB 211014
Geschäftsführer: Dipl.-Ing Carsten Reeb,
Lukas Jimeno Hoffmann

Volksbank Jever
DE15 2826 2254 1190 3490 00
GENODEF1JEV
USt.-IdNr.: DE812422001

RATED POWER [kVA]	TYPE	INPUT VARIATION [%]	MAX INPUT CURRENT [A]	RATED OUTPUT CURRENT [A]	ADJUST. SPEED [ms/V]	CABINET DIMENSION WxDxH [mm]	WEIGHT [kg]
+15%/-25% (the values listed in the table are referred to 230V nominal voltage), EFF >98%							
25	25-15/25	+15/-25	145	109	14	410x680x1200	190
35	35-15/25	+15/-25	203	152	14	600x600x1600	210
45	45-15/25	+15/-25	261	196	14	600x800x1600	330
60	60-15/25	+15/-25	348	261	14	600x800x1600	400
80	80-15/25	+15/-25	464	348	14	600x800x1800	560
100	100-15/25	+15/-25	580	435	14	600x800x1800	660
+15%/-35% (the values listed in the table are referred to 230V nominal voltage), EFF >98%							
20	20-15/35	+15/-35	134	87	11	410x680x1200	200
25	25-15/35	+15/-35	167	109	11	600x600x1600	220
35	35-15/35	+15/-35	234	152	11	600x800x1600	340
45	45-15/35	+15/-35	301	196	11	600x800x1600	410
60	60-15/35	+15/-35	401	261	11	600x800x1800	570
80	80-15/35	+15/-35	535	348	11	600x800x1800	670
+15%/-45% (the values listed in the table are referred to 230V nominal voltage), EFF >98%							
15	15-15/45	+15/-45	118	65	9	410x680x1200	210
20	20-15/45	+15/-45	158	87	9	600x600x1600	230
25	25-15/45	+15/-45	198	109	9	600x800x1600	350
35	35-15/45	+15/-45	276	152	9	600x800x1600	420
45	45-15/45	+15/-45	356	196	9	600x800x1800	580
60	60-15/45	+15/-45	474	261	9	600x800x1800	680

All the stabilisers are designed and built in compliance with the Low Voltage and Electromagnetic Compatibility European Directives with regard to the CE marking requirements. The products are built with suitable quality components and that the manufacturing process is constantly verified in accordance with the Quality Control Plans which the manufacturer applies in compliance with the ISO 9001:2008 Standards. The commitment towards environmental issues and safety at work maters is guaranteed by the certification of the Management System according to the ISO14001:2004 and OHSAS18001:2007 Standards. In order to obtain better performance, the products described in the present document can be altered by the manufacturer at any date and without prior notice. Technical data and descriptions do hold therefore any contractual value.

ttf GmbH
Wangerstr. 13
D-26441 Jever
Deutschland

E-Mail: info@ttf.de
URL: www.ttf.de
Tel.: +49 4461 7486 330
Fax.: +49 4461 7486 331

Sitz der Gesellschaft: Jever
Amtsgericht: Oldenburg HRB 211014
Geschäftsführer: Dipl.-Ing Carsten Reeb,
Lukas Jimeno Hoffmann

Volksbank Jever
DE15 2826 2254 1190 3490 00
GENODEF1JEV
USt.-IdNr.: DE812422001