3PH VOLTAGE STABILISERS Y MODELS
INDEPENDENT REGULATION OF EACH PHASE

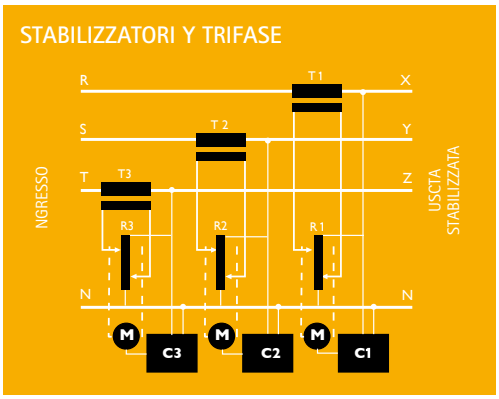
MINISTAB Y THREE-PHASE 3-120 KVA
STEROSTAB Y THREE-PHASE 45-8000 KVA

MINISTAB STEROSTAB

GENERAL CHARACTERISTICS

Mains	Three-phase
Nominal input voltage	380V or 400V or 415V (**)
Nominal output voltage	380V or 400V or 415V (**)
Output accuracy	±1% RMS
Frequency	50/60 Hz ±5%
Admitted load variation	0 to 100%
Admitted load unbalance	up to 100%
Admitted overload	10 times the nominal power during 10 ms, 5 times during 6 s, 2 times for 1 minute
Harmonic distortion	<0.1%
Efficiency	>98.5%
Cooling	natural air convection (fan-free system)
Colour	black or RAL 7035 (depending on model)
Protection degree	IP21
Installation	indoor
Standard fittings	digital voltmeter, pilot lamps, tropicalised control boards

(**) to be specified on the order. Different voltage values available on request.

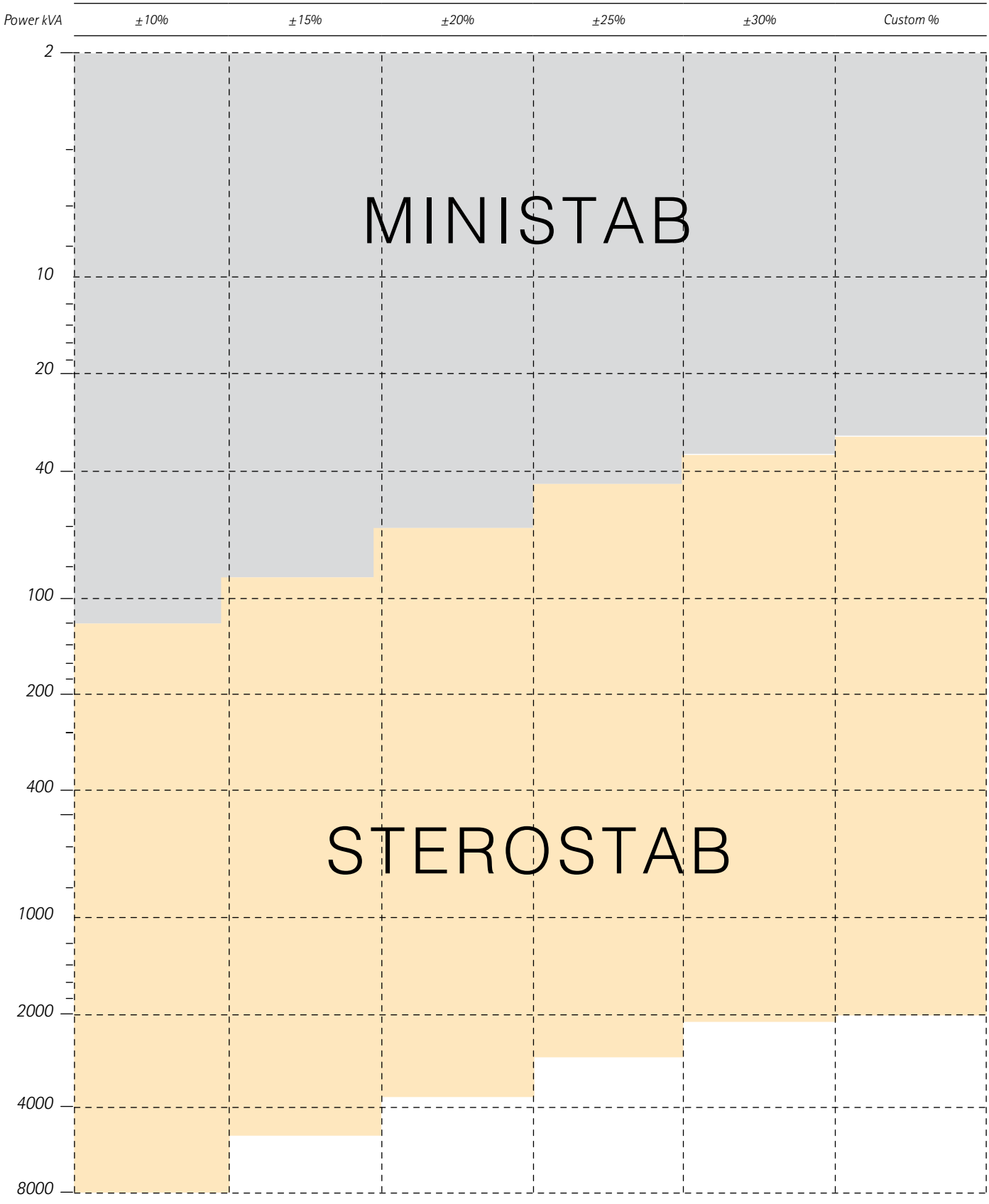


T = series transformer (booster)
R = variable autotransformer
C = electronic control circuit
M = servomotor

OPTIONAL FITTINGS

SHORT CIRCUIT PROTECTION
OVERLOAD PROTECTION
OVER/UNDER VOLTAGE PROTECTION
REVERSED PHASE SEQUENCE / PHASE FAILURE PROTECTION
SOFT START
MANUAL OR AUTOMATIC BY-PASS
DIGITAL NETWORK ANALYSER DISPLAYING THE ELECTRICAL PARAMETERS
ISOLATION TRANSFORMER
ADAPTING TRANSFORMER
NEUTRAL-POINT REACTOR
SURGE ARRESTERS
IP54 INDOOR OR OUTDOOR VERSION

VOLTAGE STABILISERS - Y MODELS



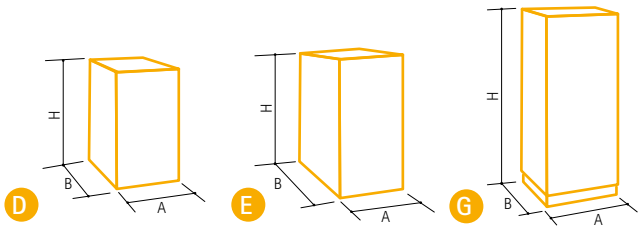
VOLTAGE STABILISERS
MINISTAB Y INDEPENDENT REGULATION OF EACH PHASE
THREE-PHASE 400V 50/60 HZ PROTECTION DEGREE IP21

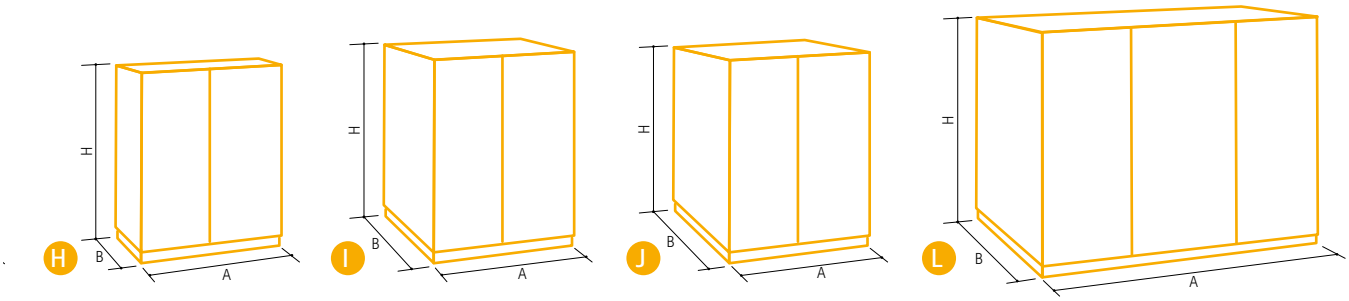
Model	*Rated power (KVA)*	*Voltage variation (±%)*	*Response time (ms/V)*	*Output accuracy (±%)*	*Fittings*	*Protection degree IP*	*Dimensions (mm) a x b x h*	*Net weight (kg)*	*Case*
Y304ES	3	±30	8	±1	V, GC, L, R	21	350x580x890	90	D
	4	±25	9						
	6	±20	10						
	8	±15	13						
Y304ES10	10	±10	16		V, L, R				
Y306ES	7	±30	11	±1	V, GC, L, R	21	350x580x890	110	D
	8.5	±25	12						
	12	±20	9						
	15	±15	13						
Y306ES24	24	±10	17		V, L, R				
Y308ES	10	±30	8	±1	V, GC, L, R	21	350x580x890	120	D
	12	±25	9						
	18	±20	10						
	25	±15	13						
Y308ES30	30	±10	19		V, L, R				
Y310ES	18	±30	10	±1	V, GC, L, R	21	450x800x1200	210	E
	24	±25	10						
	30	±20	10						
	45	±15	12						
Y310ES70	70	±10	18		V, L, R				
Y311ES	27	±30	8	±1	V, GC, L, R	21	450x800x1200	245	E
	35	±25	14						
	45	±20	11						
	65	±15	16						
Y311ES100	100	±10	23		V, L, R				
Y312ES	35	±30	14	±1	V, GC, L, R	21	450x800x1200	330	E
	45	±25	15						
	60	±20	17						
	85	±15	19						
Y312ES120	120	±10	23		V, L, R				

Fittings GC: range selector terminal block
V: digital voltmeter
L: pilot lamps
R: wheels

Note: models with different power, and/or different input range, and/or different output accuracy can be quoted on demand.

IREM voltage stabilisers are designed to deliver the declared power permanently (24/7) under the worst operating conditions, i.e. at full load, at minimum input voltage and max input current and at the declared ambient temperature.





VOLTAGE STABILISERS
STEROSTAB Y INDEPENDENT REGULATION OF EACH PHASE
THREE-PHASE 400V 50/60 HZ PROTECTION DEGREE IP21

Model	*Rated power (KVA)*	*Voltage variations (±%)*	*Response time (ms/V)*	*Output accuracy (±%)*	*Fittings*	*Protection degree IP*	*Dimensions (mm) a x b x h*	*Net weight (kg)*	*Cabinet*
Y313AN45	45	±30	6	±1	V, L	21	650x650x1800	480	G
Y313AN60	60	±25	13						
Y313AN80	80	±20	15						
Y313AN110	110	±15	17						
Y313AN180	180	±10	23						
Y314AN70	70	±30	8	±1	V, L	21	1100x650x1800	620	H
Y314AN90	90	±25	22						
Y314AN120	120	±20	18						
Y314AN170	170	±15	27						
Y314AN270	270	±10	24						
Y316AN90	90	±30	6	±1	V, L	21	1100x650x1800	650	H
Y316AN120	120	±25	12						
Y316AN160	160	±20	13						
Y316AN230	230	±15	19						
Y316AN370	370	±10	23						
Y317AN140	140	±30	8	±1	V, L	21	1100x650x1800	750	H
Y317AN180	180	±25	16						
Y317AN250	250	±20	18						
Y317AN350	350	±15	22						
Y317AN550	550	±10	33						
Y318AN190	190	±30	11	±1	V, L	21	1100x900x1900	1100	I
Y318AN240	240	±25	12						
Y318AN320	320	±20	15						
Y318AN460	460	±15	16						
Y318AN730	730	±10	24						
Y319AN280	280	±30	16	±1	V, L	21	1100x1270x1800	1360	J
Y319AN370	370	±25	11						
Y319AN500	500	±20	14						
Y319AN700	700	±15	17						
Y319AN1100	1100	±10	27						
Y320AN420	420	±30	9	±1	V, L	21	1100x1270x1900	1850	J
Y320AN550	550	±25	14						
Y320AN730	730	±20	13						
Y320AN1000	1000	±15	18						
Y320AN1500	1500	±10	26						
Y322AN550	550	±30	16	±1	V, L	21	2130x1350x2150	2700	L
Y322AN730	730	±25	18						
Y322AN1000	1000	±20	14						
Y322AN1350	1350	±15	16						
Y322AN2200	2200	±10	29						
Y323AN700	700	±30	16	±1	V, L	21	2130x1350x2150	3100	L
Y323AN900	900	±25	18						
Y323AN1200	1200	±20	14						
Y323AN1700	1700	±15	18						
Y323AN2700	2700	±10	29						
Y324AN800	800	±30	16	±1	V, L	21	2130x1350x2150	3400	L
Y324AN1000	1000	±25	18						
Y324AN1400	1400	±20	22						
Y324AN2000	2000	±15	17						
Y324AN3200	3200	±10	29						

Model	Rated power (KVA)	Voltage variations (±%)	Response time (ms/V)	Output accuracy (±%)	Fittings	Protection degree IP	Dimensions (mm) a x b x h	Net weight (kg)	Cabinet
Y326AN1000	1000	±30	16	±1	V, L	21	3 cabinets 1100x1270x1900	3800	3 cabinets type J
Y326AN1250	1250	±25	18						
Y326AN1700	1700	±20	22						
Y326AN2400	2400	±15	18						
Y326AN3800	3800	±10	29						
Y328AN1100	1100	±30	16	±1	V, L	21	3 cabinets 1100x1270x1900	5200	3 cabinets type J
Y328AN1400	1400	±25	18						
Y328AN1900	1900	±20	22						
Y328AN2700	2700	±15	24						
Y328AN4400	4400	±10	26						
Y330AN1250	1250	±30	16	±1	V, L	21	3 cabinets 1100x1270x1900	5700	3 cabinetstype J
Y330AN1600	1600	±25	18						
Y330AN2200	2200	±20	22						
Y330AN3100	3100	±15	26						
Y330AN5000	5000	±10	29						
Y332AN1400	1400	±30	18	±1	V, L	21	3 cabinets 1500x1350x2150	6300	3 cabinets type K
Y332AN1800	1800	±25	20						
Y332AN2400	2400	±20	23						
Y332AN3400	3400	±15	24						
Y332AN5500	5500	±10	27						
Y334AN1500	1500	±30	9	±1	V, L	21	3 cabinets 1500x1350x2150	6800	3 cabinets type K
Y334AN2000	2000	±25	20						
Y334AN2600	2600	±20	23						
Y334AN3800	3800	±15	24						
Y334AN6000	6000	±15	27						
Y336AN1650	1650	±30	18	±1	V, L	21	3 cabinets 1500x1350x2150	7400	3 cabinets type K
Y336AN2200	2200	±25	20						
Y336AN3000	3000	±20	13						
Y336AN4100	4100	±15	24						
Y336AN6500	6500	±15	27						
Y338AN1800	1800	±30	18	±1	V, L	21	3 cabinets 2130x1350x2150	8000	3 cabinets type L
Y338AN2300	2300	±25	20						
Y338AN3100	3100	±20	23						
Y338AN4500	4500	±15	24						
Y338AN7000	7000	±15	27						
Y340AN2000	2000	±30	18	±1	V, L	21	3 cabinets 2130x1350x2150	8400	3 cabinets type L
Y340AN2500	2500	±25	20						
Y340AN3300	3300	±20	23						
Y340AN4700	4700	±15	24						
Y340AN7500	7500	±10	27						
Y342AN2100	2100	±30	10	±1	V, L	21	3 cabinets 2130x1350x2150	8800	3 cabinets type L
Y342AN2700	2700	±25	20						
Y342AN3600	3600	±20	23						
Y342AN5000	5000	±15	24						
Y342AN8000	8000	±10	27						

Fittings *V: digital voltmeter*
L: pilot lamp

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