

AC sources EAC/MT single- & three-phase 500 – 50.000 VA



OVERVIEW

- Simulation of single-phase networks
- 500 – 50.000 VA power output
- 0 – 700 output voltage
- Currents up to 2000 A
- Graphical Display
- Measuring of voltage, current, average and peak current, effective power, idle power, apparent power, power factor, crest factor
- Voltage, current and power constant mode
- 10 storage locations to save current configuration
- Digital interface IEEE, RS232/485, USB, LAN (optional)
- Galvanic isolated analogue interface: 0 – 5 V or 0 – 10 V (optional)
- Script control: process programming and booting from memory card
- Datalog function: operation values can be saved in an adjustable interval to a memory card
- Script operation in combination with Datalog function allows an independent stand-alone test field setup
- Connectable output voltage for a determined amount of time (optional)
- Special version on request

PRODUCT EXAMPLES SINGLE-PHASE

Type	Power VA	Voltage VAC	Current A	Dimensions
EAC/MT 2705	1.350	0 – 270	5	19" x 4 U x 440 mm
EAC/MT 2706	1.620	0 – 270	6	19" x 6 U x 440 mm
EAC/MT 2708	2.160	0 – 270	8	19" x 6 U x 440 mm
EAC/MT 27010	2.700	0 – 270	10	19" x 10 U x 440 mm
EAC/MT 27012	3.240	0 – 270	12	19" x 10 U x 440 mm
EAC/MT 27014	3.780	0 – 270	14	19" x 10 U x 440 mm
EAC/MT 27016	4.320	0 – 270	16	19" x 10 U x 440 mm
EAC/MT 27018	4.860	0 – 270	18	19" x 10 U x 440 mm
EAC/MT 27020	5.400	0 – 270	20	19" x 10 U x 440 mm
EAC/MT 27022	5.940	0 – 270	22	19" x 10 U x 440 mm
EAC/MT 27025	6.750	0 – 270	25	19" x 10 U x 440 mm
EAC/MT 27030	8.100	0 – 270	30	19" x 12 U x 600 mm
EAC/MT 27035	9.450	0 – 270	35	19" x 12 U x 600 mm
EAC/MT 27040	10.800	0 – 270	40	19" x 16 U x 600 mm
EAC/MT 27045	12.100	0 – 270	45	19" x 16 U x 600 mm
EAC/MT 27050	13.500	0 – 270	50	19" x 16 U x 600 mm

PRODUCT EXAMPLES THREE-PHASE

Type	Power VA	Voltage VAC	Current A	Dimensions
EAC/MT3P 2705	3 x 1.350	3 x 0 – 270	3 x 5	19" x 16 U x 600 mm
EAC/MT3P 2706	3 x 1.620	3 x 0 – 270	3 x 6	19" x 16 U x 600 mm
EAC/MT3P 2708	3 x 2.160	3 x 0 – 270	3 x 8	19" x 16 U x 600 mm
EAC/MT3P 27010	3 x 2.700	3 x 0 – 270	3 x 10	19" x 20 U x 600 mm
EAC/MT3P 27012	3 x 3.240	3 x 0 – 270	3 x 12	19" x 20 U x 600 mm
EAC/MT3P 27014	3 x 3.780	3 x 0 – 270	3 x 14	19" x 20 U x 600 mm
EAC/MT3P 27016	3 x 4.320	3 x 0 – 270	3 x 16	19" x 20 U x 600 mm
EAC/MT3P 27018	3 x 4.860	3 x 0 – 270	3 x 18	19" x 25 U x 600 mm
EAC/MT3P 27020	3 x 5.400	3 x 0 – 270	3 x 20	19" x 25 U x 600 mm
EAC/MT3P 27022	3 x 5.940	3 x 0 – 270	3 x 22	19" x 25 U x 600 mm
EAC/MT3P 27025	3 x 6.750	3 x 0 – 270	3 x 25	19" x 25 U x 600 mm
EAC/MT3P 27030	3 x 8.100	3 x 0 – 270	3 x 30	19" x 34 U x 600 mm
EAC/MT3P 27035	3 x 9.450	3 x 0 – 270	3 x 35	19" x 34 U x 600 mm
EAC/MT3P 27040	3 x 10.800	3 x 0 – 270	3 x 40	19" x 34 U x 780 mm
EAC/MT3P 27045	3 x 12.100	3 x 0 – 270	3 x 45	19" x 34 U x 780 mm
EAC/MT3P 27050	3 x 13.500	3 x 0 – 270	3 x 50	19" x 34 U x 780 mm

OPTIONES

Appendix	Description
../110	110/99 – 121 VAC Input
../230	230/207 – 253 VAC Input
../400	400/360 – 440 VAC Input
../3P208	3 x 208/187 – 229 VAC Input
../3P400	3 x 400/360 – 440 VAC Input
../3P480	3 x 480/432 – 528 VAC Input
../LT	Interface IEEE 488
../LTRS485	Interface RS-485
../LTRS232	Interface RS-232
../LAN	Interface LAN
../USB	Interface USB
../ATI 5	Galvanically isolated analogue interface 0 – 5 V
../ATI 10	Galvanically isolated analogue interface 0 – 10 V
../SD	SD card slot

TECHNICAL DATA

Input Voltage Specification

Input Voltage Range	110 VAC/230 VAC/400 VAC $\pm 10\%$
Input Voltage Range	3 x 208 VAC/3 x 400 VAC/3 x 480 VAC $\pm 10\%$
Input Frequency	47 – 63 Hz

Output Specification

Isolation	3.750 VAC
Load Control	< 1,5 %
Time Setup	< 100 V/sek
Protective Devices	Overtemperature, Short-circuit

Programming & Control

Output Control and Monitoring	Front panel and/or optional Analog 0 - +5V/+10V isolated/ Digital 12 bit: RS-232, RS-485, IEEE488, LAN, USB, SD card
-------------------------------	-------------------------------------------------------------------------------------------------------------------------

Ambient Conditions

Cooling	Air-cooled
Operating Temperature	0 – 50°C
Storage Temperature	-20 – 70°C
Humidity	< 80%
Operating Altitude	< 2,000 m
Weight	30 – 350 kg (single-phase), 90 – 850 kg (three-phase)