

EAC 3-phase AC Sources 750 – 30.000 VA



OVERVIEW

- Linear Technology
- Lowest Distortion Factor
- True Sinewave output standard
- Easy to use in operation
- CV and CC mode operation
- Frequency variable up to 2000Hz
- AC and DC mode operation
- Indication of all system parameters
- Usable for all load factors
- Variable phase angle switch on
- Adjustable phase shifting
- External oscillator input
- User friendly short-stroke keypad

TYPES

Type	Power VA	Voltage V_{rms}	Current A	Dimensions
EAC/3P 250	3 x 250	3 x 0 - 270	3 x 3	3 x 19" x 4U x 434mm
EAC/3P 500	3 x 500	3 x 0 - 270	3 x 6	3 x 19" x 4U x 434mm
EAC/3P 1.000	3 x 1000	3 x 0 - 270	3 x 10	3 x 19" x 6U x 434mm
EAC/3P 2.000	3 x 2000	3 x 0 - 270	3 x 15	3 x 19" x 6U x 434mm
EAC/3P 3.000	3 x 3000	3 x 0 - 270	3 x 20	3 x 19" x 10U x 434mm
EAC/3P 4.000	3 x 4000	3 x 0 - 270	3 x 30	3 x 19" x 16U x 600mm**
EAC/3P 5.000	3 x 5000	3 x 0 - 270	3 x 35	3 x 19" x 16U x 600mm**
EAC/3P 6.000	3 x 6000	3 x 0 - 270	3 x 40	3 x 19" x 16U x 600mm**
EAC/3P 7.000	3 x 7000	3 x 0 - 270	3 x 50	3 x 19" x 16U x 600mm**
EAC/3P 8.000	3 x 8000	3 x 0 - 270	3 x 60	3 x 19" x 20U x 780mm**
EAC/3P 9.000	3 x 9000	3 x 0 - 270	3 x 70	3 x 19" x 20U x 780mm**
EAC/3P 10.000	3 x 10000	3 x 0 - 270	3 x 80	3 x 19" x 20U x 780mm**

** Delivered fitted in a cabinet

OPTIONS

Suffix	Description
../CC	Additional Constant Current Mode
../V3	Separate voltage adjustment phase 1 – 3
../C3	Separate Current adjustment phase 1 – 3
../F1	Frequency range 1 – 1000Hz
../F2	Frequency range 1 – 2000Hz
../LTRS232	RS232 Interface, 12 bit
../LTRS485	RS485 Interface, 12 bit
../LT	IEEE488, GPIB Interface 12 bit
../LT+LTRS232	IEEE 488 + RS 232 Interface, 12 Bit
../LT+LTRS485	IEEE 488 + RS 485 Interface, 12 Bit
../EXT OSZ	External occillator input 0 – 20 V _{ss}
../AI5	signal in- and outputs 5 V
../AI10	signal in- and outputs 10 V
../ATI5	Isolated signal in- and outputs 5 V
../ATI10	Isolated signal in- and outputs 10 V
../V300	Output voltage range 300VAC
../V500	Output voltage range 500VAC (C – 40%)
../V700	Output voltage range 700VAC (C – 50%)
../AR	Power output at rear panel
../ATE	No Front panel operation, only Interface
../CF2	Peak Current 2* I Nenn (Crestfactor 2)
../CF3	Peak Current 3* I Nenn (Crestfactor 3)
../CF4	Peak Current 2* I Nenn (Crestfactor 4)

Special versions on request

Arbiräry oscillators on request

TECHNICAL DATAS

Input voltage	230VAC or 2x400VAC or 3x400VAC
Safety	EN 60950
Emmissions	EN 61000-6-3
Immunity	EN 61000-6-1
Output power	see table
Power derating $\cos \phi < \pm 0.7$	14% / $\Delta 0.1 \cos \phi$
o/p voltage range	see table
Max. o/p current AC	see table
Frequency range	1-500Hz (1 and 2 kHz option)
Mains regulation	0.1%
Load regulation	0.2%
Distortion factor	0.3% at 50Hz
Program Accuracy AC	0.1%
Program accuracy Current	0.2%
Program accuracy phase angel	0.5° (0-360°)
Program accuracy frequency	0.1%
Ext. Oscillator input	20V _{pp} / DC – 1kHz
Measurement _{rms} voltage	0.2%
Measurent _{rms} current	0.2%
Measurement power	0.2%
Program voltage analogue interface	5V
Isolation Interface	Option T
RS 232 Interface 12 bit	Option LTRS
IEEE488 / GPIB Interface 12 bit	Option LT
Cooling	Internal fan
Ambient temperature range	0-40°C
Storage temperature range	-40 to +85°C