

## EA-EL 3000 / EA-EL 9000 / EA-EL 9000 HP 400W - 7200W

### 直流电子负载 / ELECTRONIC DC LOADS

#### EA-EL 9000 HP

EA-EL 9000 HP 电子负载系列是EA-EL 9000 系列的升级型号，它增加了一个高性能冷却器和风扇。

在40°C环境温度下，输入功率最大时，负载热降额功能启动。在此温度下，EA-EL 9000 HP 系列的性能大约比EA-EL 9000 系列的要高60%。

水冷式产品也可达到上述特征，可额外提供（选配）。

#### Series EL 9000 HP

The electronic loads in the EA-EL 9000 HP series offer an upgrade of the EA-EL 9000 series by incorporating a high performance cooling block and bigger fans.

At maximum input power thermal derating of the load commences at an ambient temperature of 40°C. At such a temperature the performance of the EA-EL 9000 HP series is approx. 60% higher than that of the EA-EL 9000 series.

A similar advantage may also be gained with water cooling, which is available as an optional extra.

技术参数	Technical Data	EA-EL 9080-200 HP	EA-EL 9080-400 HP	EA-EL 9080-600 HP
最大输入功率	Power input maximum	2400W	4800W	7200W
40°C时恒定输入功率	Steady power input at 40°C	2400W	4800W	7200W
电压	Voltage			
- 调节范围	- Adjustment range	0...80V DC	0...80V DC	0...80V DC
- 分辨率	- Resolution	100mV	100mV	100mV
- 精确度	- Accuracy	≤0.1%	≤0.1%	≤0.1%
- 最大电流时的最小电压	- Min. voltage at max. current	约 / approx. 1.0V	约 / approx. 1.0V	约 / approx. 1.0V
电流	Current			
- 调节范围	- Adjustment range	0...200A	0...400A	0...600A
- 分辨率	- Resolution	100mA	100mA	100mA
- 精确度	- Accuracy	≤0.2%	≤0.2%	≤0.2%
功率	Power			
- 调节范围	- Adjustment range	0...2400W	0...4800W	0...7200W
- 分辨率	- Resolution	1W	1W	1W
- 精确度	- Accuracy	≤2%	≤2%	≤2%
内阻	Resistance			
- 调节范围 1	- Adjustment range 1	0...5Ω	0...2.5Ω	0...1.2Ω
- 分辨率	- Resolution	10mΩ	1mΩ	1mΩ
- 调节范围 2	- Adjustment range 2	0...100Ω	0...50Ω	0...25Ω
- 分辨率	- Resolution	100mΩ	100mΩ	10mΩ
- 精确度	- Accuracy	≤2%	≤2%	≤2%
动态函数	Dynamic function	2个级别 / 2 levels	2个级别 / 2 levels	2个级别 / 2 levels
- A / B 占空比级别	- Duty cycle level A / B	50μs...100s	50μs...100s	50μs...100s
- 各级别升降时间	- Level rise and fall time	30μs...200ms	30μs...200ms	30μs...200ms
尺寸 (W H D)	Dimensions (W H D)	19" 3U 460mm	19" 6U 460mm	19" 9U 460mm
重量	Weight	19kg	29 kg	39 kg
产品编号	Article No.	33200240	33200241	33200246



EA-EL 9000 HP 7200W

## EA-EL 3000 / EA-EL 9000 / EA-EL 9000 HP 400W - 7200W

### 直流电子负载 / ELECTRONIC DC LOADS

技术参数	Technical Data	EA-EL 9160-100 HP	EA-EL 9160-200 HP	EA-EL 9160-300 HP
最大输入功率	Power input maximum	2400W	4800W	7200W
40°C时恒定输入功率	Steady power input at 40°C	2400W	4800W	7200W
电压	Voltage			
- 调节范围	- Adjustment range	0...160V DC	0...160V DC	0...160V DC
- 分辨率	- Resolution	100mV	100mV	100mV
- 精确度	- Accuracy	≤0.1%	≤0.1%	≤0.1%
- 最大电流时的最小电压	- Min. voltage at max. current	约 / approx. 0.7V	约 / approx. 0.7V	约 / approx. 0.7V
电流	Current			
- 调节范围	- Adjustment range	0...100A	0...200A	0...300A
- 分辨率	- Resolution	100mA	100mA	100mA
- 精确度	- Accuracy	≤0.2%	≤0.2%	≤0.2%
功率	Power			
- 调节范围	- Adjustment range	0...2400W	0...4800W	0...7200W
- 分辨率	- Resolution	1W	1W	1W
- 精确度	- Accuracy	≤2%	≤2%	≤2%
内阻	Resistance			
- 调节范围 1	- Adjustment range 1	0...10Ω	0...5Ω	0...2.5Ω
- 分辨率	- Resolution	10mΩ	10mΩ	1mΩ
- 调节范围 2	- Adjustment range 2	0...200Ω	0...100Ω	0...50Ω
- 分辨率	- Resolution	100mΩ	100mΩ	100mΩ
- 精确度	- Accuracy	≤2%	≤2%	≤2%
动态函数	Dynamic function	2个级别 / 2 levels	2个级别 / 2 levels	2个级别 / 2 levels
- A / B占空比级别	- Duty cycle level A / B	50μs...100s	50μs...100s	50μs...100s
- 各级别升降时间	- Level rise and fall time	30μs...200ms	30μs...200ms	30μs...200ms
尺寸 (W H D)	Dimensions (W H D)	19" 3U 460mm	19" 6U 460mm	19" 9U 460mm
重量	Weight	19kg	29kg	39kg
产品编号	Article No.	33200242	33200243	33200247

技术参数	Technical Data	EA-EL 9400-50 HP	EA-EL 9400-100 HP	EA-EL 9400-150 HP
最大输入功率	Power input maximum	2400W	4800W	7200W
40°C时恒定输入功率	Steady power input at 40°C	2400W	4800W	7200W
电压	Voltage			
- 调节范围	- Adjustment range	0...400V DC	0...400V DC	0...400V DC
- 分辨率	- Resolution	100mV	100mV	100mV
- 精确度	- Accuracy	≤0.1%	≤0.1%	≤0.1%
- 最大电流时的最小电压	- Min. voltage at max. current	约 / approx. 0.5V	约 / approx. 0.5V	约 / approx. 0.5V
电流	Current			
- 调节范围	- Adjustment range	0...50A	0...100A	0...150A
- 分辨率	- Resolution	100mA	100mA	100mA
- 精确度	- Accuracy	≤0.2%	≤0.2%	≤0.2%
功率	Power			
- 调节范围	- Adjustment range	0...2400W	0...4800W	0...7200W
- 分辨率	- Resolution	1W	1W	1W
- 精确度	- Accuracy	≤2%	≤2%	≤2%
内阻	Resistance			
- 调节范围 1	- Adjustment range 1	0...10Ω	0...5Ω	0...5Ω
- 分辨率	- Resolution	10mΩ	10mΩ	10mΩ
- 调节范围 2	- Adjustment range 2	0...400Ω	0...200Ω	0...100Ω
- 分辨率	- Resolution	100mΩ	100mΩ	100mΩ
- 精确度	- Accuracy	≤2%	≤2%	≤2%
动态函数	Dynamic function	2个级别 / 2 levels	2个级别 / 2 levels	2个级别 / 2 levels
- A / B占空比级别	- Duty cycle level A / B	50μs...100s	50μs...100s	50μs...100s
- 各级别升降时间	- Level rise and fall time	30μs...200ms	30μs...200ms	30μs...200ms
尺寸 (W H D)	Dimensions (W H D)	19" 3U 460mm	19" 6U 460mm	19" 9U 460mm
重量	Weight	19kg	29kg	39kg
产品编号	Article No.	33200244	33200245	33200248

## EA-EL 3000 / EA-EL 9000 / EA-EL 9000 HP 400W - 7200W

### 直流电子负载 / ELECTRONIC DC LOADS

技术参数	Technical Data	EA-EL 9750-25 HP	EA-EL 9750-50 HP	EA-EL 9750-75 HP
最大输入功率	Power input maximum	2400W	4800W	7200W
40°C时恒定输入功率	Steady power input at 40°C	2400W	4800W	7200W
电压	Voltage			
- 调节范围	- Adjustment range	0...750V DC	0...750V DC	0...750V DC
- 分辨率	- Resolution	100mV	100mV	100mV
- 精确度	- Accuracy	≤0.1%	≤0.1%	≤0.1%
- 最大电流时的最小电压	- Min. voltage at max. current	约 / approx. 0.5V	约 / approx. 0.5V	约 / approx. 0.5V
电流	Current			
- 调节范围	- Adjustment range	0...25A	0...50A	0...75A
- 分辨率	- Resolution	10mA	10mA	10mA
- 精确度	- Accuracy	≤0.2%	≤0.2%	≤0.2%
功率	Power			
- 调节范围	- Adjustment range	0...2400W	0...4800W	0...7200W
- 分辨率	- Resolution	1W	1W	1W
- 精确度	- Accuracy	≤2%	≤2%	≤2%
内阻	Resistance			
- 调节范围 1	- Adjustment range 1	0...40Ω	0...20Ω	0...15Ω
- 分辨率	- Resolution	10mΩ	10mΩ	10mΩ
- 调节范围 2	- Adjustment range 2	0...800Ω	0...400Ω	0...300Ω
- 分辨率	- Resolution	100mΩ	100mΩ	100mΩ
- 精确度	- Accuracy	≤2%	≤2%	≤2%
动态函数	Dynamic function	2个级别 / 2 levels	2个级别 / 2 levels	2个级别 / 2 levels
- A / B占空比级别	- Duty cycle level A / B	50μs...100s	50μs...100s	50μs...100s
- 各级别升降时间	- Level rise and fall time	30μs...200ms	30μs...200ms	30μs...200ms
尺寸 (W H D)	Dimensions (W H D)	19" 3U 460mm	19" 6U 460mm	19" 9U 460mm
重量	Weight	19kg	29kg	39kg
产品编号	Article number	33200249	33200250	33200251