

EA 3000, EA 4000, EA-STT 2000 通用电源供应器 / UNIVERSAL POWER SUPPLIES



- 为学校、大学和实验室而设计
- 为工业和系统应用而设计
- 为工厂车间和研发部门而设计
- 为实验室和测试机构而设计
- 输出电压: 0...30V, 0...300V 和 0...32V
- 输出电流: 0.5A, 5A 和 0...5A
- 三位数数显屏显示电压和电流
- 外壳上盖和底盖密封
- 配安全输出插座
- 100% 占空比
- 符合 EN 60950, EN 60950 和 EMI EN 61326
- 符合 CE 标准下的 EMC 和低压指令

概要

这是 EA 公司开发的新型通用电源系列，为普通实验室和工厂需求提供解决方案。

可输出 0...30V 和 0...300V 可调 AC 电压，接一整流管和可开关电容滤波器，能输出 DC 电压。

EA-3051B 为稳压电源，终端端功率 MOSFET。输出电压在 0...32V 间可调，电流在 0...5A 间可调。

EA-3050B 有多组输出，分别为 0...30V AC 和 DC，0...300V AC 和 DC，但只能选择性地使用，因为内部有一量程转换。
所有型号都有一特征，其输出电压和电流用光照 3 位数电压和电流表指示。
所有输出端和输入端都电隔离。

- Designed for schools, university and laboratories
- Designed for industry and system applications
- Designed for workshop and development
- Designed for laboratories and test institutes
- Output voltages: 0...30V, 0...300V and 0...32V
- Output currents: 0.5A, 5A and 0...5A
- Three-digit displays for voltage and current
- Case closed on top and bottom
- Safety output sockets
- 100% duty cycle
- Safety EN 61010, EN 60950 and EMI EN 61326
- CE marked compliance to EMC, Low voltage directives

General

The new universal power supplies from EA offer a flexible solution to common laboratory and workshop requirements.

The adjustable 0...30V and 0...300V AC voltages of the AC output are also available as DC output, via a rectifier and switchable capacitor filter.

The model EA-3051B is a stabilised power supply with Power-MOSFET end stages. The output voltage and output current are adjustable from 0...32V and 0...5A.

At the model EA-3050B the outputs 0...30V AC and DC or 0...300V AC and DC can be used only alternatingly, because of an internal range switching.
All models feature for output voltage and output current illuminated 3-digit volt- and amperemeters.
Galvanic insulation between all outputs and mains power is provided.

技术参数	Technical Data	EA-3048 B	EA-3050 B	EA-3051 B
输入电压	Input voltage	230VAC $\pm 10\%$	230VAC $\pm 10\%$	230VAC $\pm 10\%$
-频率	-Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
输出 1	Output 1	0...30V 5A AC	0...30V 5A AC	0...30V 5A AC
输出 2	Output 2	0...30V 5A DC	0...30V 5A DC	0...32V 0...5A DC 稳压
输出 3	Output 3	--	0...300V 0.5A AC	--
输出 4	Output 4	--	0...300V 0.5A DC	--
安规标准	Safety	EN60950, CE	EN60950, CE	EN60950, CE
工作温度	Operating temperature	0...40°C	0...40°C	0...40°C
相对湿度	Relative humidity	0...95% 无凝露	0...95% 无凝露	0...95% 无凝露
尺寸 (WxHxD)	Dimensions (WxHxD)	280x195x145mm	280x195x145mm	280x258x145mm
重量	Weight	9kg	9kg	9kg
产品编号	Article No.	35320148	35320149	35320150

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- 为工业和系统应用而设计
- 为工厂车间和研发部门而设计
- 为实验室和测试机构而设计
- 输出电压: 0...260V AC 和 0...32V DC
- 输出电压: 3V / 12V / 18V / 24V / 230V AC
- 输出电流: 2A, 3A, 4.5A 和 0...5A
- 三位数数显屏显示电压和电流
- 外壳上盖和底盖密封
- 配安全输出插座
- 100% 占空比
- 符合 EN 60950, EN 60950 和 EMI EN 61326
- 符合CE标准下的EMC和低压指令

概要

EA-4000为通用型电源系列, 带有一可调变压器, 用于连续在0...260V AC之间改变输出电压, 在电流为3A或4.5A时。

另一变压器则供应固定的230V AC输出电压, 电流为2A。AC输出电压从前板安全插座送出。

第3组输出为调整后的固定电压, 3...6V/2A。

第4组输出为功率MOSFET终端稳定后的电压。可调范围为0...32V, 电流为0...5A。

第5组输出是当电流为2A时的多组AC电压, 从多个输出插座送出。

输出端都绝缘。

输出值都显示于前板数字光照LED上。

EA-STT 2000-3 和 4,5为隔离可调变压器, 输出0...260V AC电压, 可带高达1200VA的负载。

- Designed for schools, university and laboratories
- Designed for industry and system applications
- Designed for workshop and development
- Designed for laboratories and test institutes
- Output voltages: 0...260V AC und 0...32V DC
- Output voltages: 3V / 12V / 18V / 24V / 230V AC
- Output currents: 2A, 3A, 4.5A und 0...5A
- Three-digit displays for voltage and current
- Case closed on top and bottom
- Safety output sockets
- 100% duty cycle
- Safety EN 61010, EN 60950 and EMI EN 61326
- CE marked compliance to EMC, Low voltage directives

General

The EA-4000 is a universally applicable power supply with a variable transformer for a continuously variable output voltage of 0...260V AC at 3A or 4.5A.

A further transformer provides a fixed output voltage of 230V AC at 2A. The AC-Outputs are available on safety outputs on the front panel.

Output 3 is a regulated fixed voltage of 3...6V/2A.

Output 4 is a stabilised power supply with Power-MOSFET end stages. The output voltage and output current are adjustable from 0...32V and 0...5A.

Output 5 are several AC-output voltages with 2A and are available at miscellaneous output sockets.

The outputs are isolated.

The output values are displayed on digital illuminated LED instruments on the front.

The EA-STT 2000-3 and 4,5 is a isolated variable transformer with an output of 0...260V AC with a load up to 1200VA.

技术参数	Technical Data	EA-4000 B 3,0	EA-4000 B 4,5	EA-STT 2000 B 3,0	EA-STT 2000 B 4,5
输入电压	Input voltage	230VAC $\pm$ 10%	230VAC $\pm$ 10%	230VAC $\pm$ 10%	230VAC $\pm$ 10%
-频率	-Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
输出 1	Output 1	230V 2A AC	230V 2A AC	0...260V 3A AC	0...260V 4,5A AC
输出 2	Output 2	0...260V 3A AC	0...260V 4,5A AC	--	--
输出 3	Output 3	3...6V 2A DC	3...6V 2A DC	--	--
输出 4	Output 4	0...32V 0...5A DC	0...32V 0...5A DC	--	--
输出 5	Output 5	3V/12V/18V/24V AC	3V/12V/18V/24V AC	--	--
安规标准	Safety	EN60950, CE	EN60950, CE	EN60950, CE	EN60950, CE
工作温度	Operating temperature	0...40°C	0...40°C	0...40°C	0...40°C
相对湿度	Relative humidity	0...95% n.con.	0...95% n.con.	0...95% n.con.	0...95% n.con.
尺寸 (WxHxD)	Dimensions (WxHxD)	480x185x270mm	480x185x270mm	237x178x265mm	237x178x265mm
重量	Weight	39kg	40kg	23kg	24kg
产品编号	Article No.	35320151	35320152	35320153	35320154