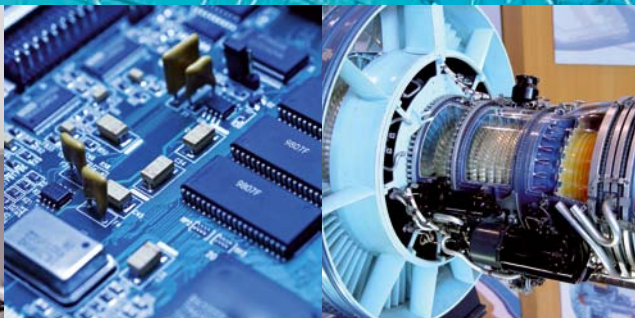
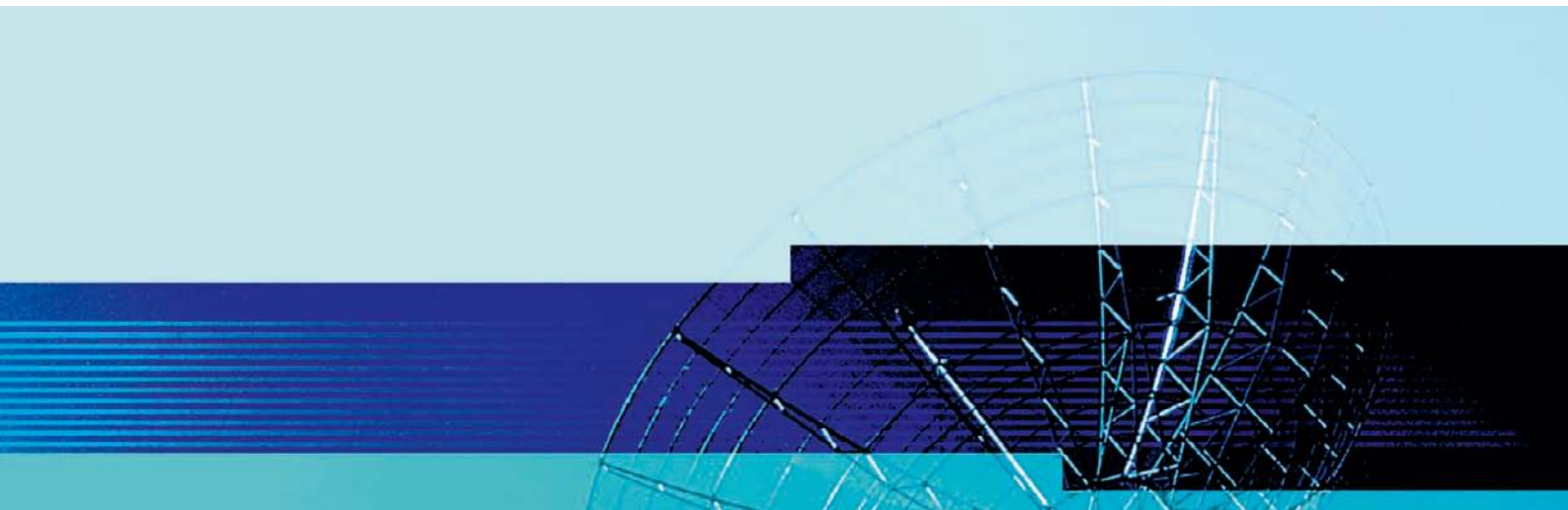


直流源系列  
產品目錄

DC Current Sources  
Product Catalogue

2012



Elektro-Automatik

## 特性和选项功能符号释义

## Meaning of the symbols for features and options



范围可调电压控制符号

Voltage control with adjustable voltage



范围可调电流控制符号

Current control with adjustable current



范围可调功率控制符号

Power control with adjustable power



范围可调内阻控制符号（可选）

Internal resistance control with adjustable resistance (optional)



过压保护，可调

Overvoltage protection, adjustable



过温保护

Overtemperature protection



内置模拟接口

Integrated analogue interface



主-从操作连接端

Terminal for master-slave equipped



19"外形因数，标准版或按需配置

19" form factor, standard or optional



函数管理器

Function manager



USB数字接口，可选

Optional, digital interface USB



RS232数字接口，可选

Optional, digital interface RS232



Ethernet-以太网数字接口，可选

Optional, digital interface Ethernet



IEEE/GPIB数字接口，可选

Optional, digital interface IEEE/GPIB



CAN数字接口，可选

Optional, digital interface CAN



绝缘模拟接口，可选

Optional, isolated analogue interface



Profibus-现场总线数字接口，可选

Optional, digital interface Profibus

## EA-PS 1000 5000W - 120000W

### 开关模式直流源 / SWITCHED DC CURRENT SOURCES



EA-PS 1000

- 高效 >85%
- 输出功率: 5kW 至 120kW
- 输出电压: 0...20V 至 0...900V
- 输出电流: 0...3 A 至 0...6000A
- 调整偏差 <2%
- 纹波 (300 Hz) <2%
- 恒压和恒流调整
- 电压和电流0...100%可调
- 有电压、电流显示仪表
- 通过0...10V电压对U / I编程
- 通过0...10V电压监控U / I
- 直流输出远距离“开/关”
- 电源输入参数3 x 400V AC, PFC值 >0.95
- 浪涌电流限制
- 用铜条当直流输出端
- 可选项:
  - 用电脑编程 (RS485 / RS232 / LAN)
  - 绝缘模拟放大器
  - 远程感测
  - 调整偏差 <1%
  - 纹波 (300 Hz) <1%

- High efficiency >85%
- Output power ratings: 5kW up to 120kW
- Output voltages: 0...20V up to 0...900V
- Output currents: 0...3 A up to 0...6000A
- Regulation deviation <2%
- Ripple (300 Hz) <2%
- Constant voltage and current regulation
- Voltage and current adjustable 0...100%
- Meters for voltage and current
- U / I programmable via 0...10V
- U / I monitoring via 0...10V
- Remote „on/off“ for DC output
- Mains input 3 x 400V<sub>AC</sub>, Power factor >0.95
- Inrush current limit
- DC output connector via copper bars
- Options:
  - Programming via PC (RS485 / RS232 / LAN)
  - Isolated analogue amplifiers
  - Remote sensing
  - Regulation deviation <1%
  - Ripple (300 Hz) <1%

#### 概要

EA-PS 1000系列为可调重型开关电源, 输出电压高达900V, 电流达6000A, 输出功率至120kW。(按需还提供高达1000V电压/40000A电流/800kW功率的型号) 主要应用于大功率环境(如: 表面处理, 水净化), 及多种工业应用, 如给马达发动机、直流发动机等供电; 还可用于自动下线检测系统的测试, 如: 接触器、继电器、开关、断路器以及一般重型直流元件。

所有型号都能经0...10V电压, 如PLC(可编程控制器), 远距离控制和回读。有些型号还配有输出电压和电流调节用10圈电位器, 及电压与电流表。另外, 通过外部面板EA-PS280也能对产品进行控制。

本系列所有型号都有过载保护和短路保护, 配有远程感测和电脑接口(RS232/RS485) 可选。按需还提供以太网(LAN)接口。所有型号的输入参数为3x400V, 50-60Hz。

#### General

The EA-PS 1000 series is a range of adjustable, heavy-duty, switched-mode power supplies offering standard output voltages of up to 900V, output currents of up to 6000A and output powers ratings of up to 120kW (output voltage/current/power of up to 1000V/40000A/800kW upon request). This series is used in high-power environments such as electroplating (e.g. surface treatment, water purification), multiple industrial applications such as powering of electric engine starters, DC motors etc. and also in automatic end-of-line test systems for the testing of contactors, relays, switches, breakers and heavy duty DC components in general.

All units can be remotely controlled and read back via 0...10V, e.g via a PLC. Depending on the model, they are equipped with 10-turn potentiometers for voltage and current adjustment and volt- and amperemeters. Furthermore, all models can be controlled via the optional, external and comfortable user panel EA-PS 280.

All units are protected against overload and short-circuit and can be equipped with remote sensing and computer interface (RS232/RS485) as an option. An Ethernet interface (LAN) is available upon request as well. All units have a 3 x 400V, 50-60Hz mains input.

## EA-PS 1000-6KW 2700W - 6000W

### 开关模式直流源 / SWITCHED DC CURRENT SOURCES



可选件 EA-PS 280



EA-PS 1020-250

U

I

19"

RS232

LAN

- 高效, 效率>85%
- 输出功率: 2700W 至 6000W
- 输出电压: 0...20V 至 0...900V
- 输出电流: 0...3 A 至 0...250A
- 恒压和恒流调整
- 三位数LED显示器, 显示电压和电流
- 通过0...10V电压对U / I编程
- 通过0...10V电压监控U / I
- 直流输出远距离“开/关”
- 工作温度0-35°C (按需也可做40°C)
- 电源输入参数3 x 400V +/-10% 50-60Hz, P.F. >0.95
- 浪涌电流限制
- 风扇制冷
- 19"结构产品采用不锈钢外壳
- 用铜条当直流输出端
- 可选项
  - 用电脑编程 (RS485 / RS232 / LAN)
  - 绝缘模拟放大器
  - 远程感测
  - 调整偏差 <1%
  - 纹波(300 Hz) <1%

- **High efficiency >85%**
- **Output power ratings: 2700W up to 6000W**
- **Output voltages: 0...20V up to 0...900V**
- **Output currents: 0...3A up to 0...250A**
- **Constant voltage and current regulation**
- **3-digit LED display for voltage and current**
- **U / I programmable via 0...10V**
- **U / I monitoring via 0...10V**
- **Remote „on/off“ for DC output**
- **Operation temp range 0-35°C (40°C on req.)**
- **Mains input 3 x 400V +/-10% 50-60Hz, P.F. >0.95**
- **Inrush current limiter**
- **Air cooling by fans**
- **Stainless steel enclosure for 19" rack systems**
- **DC output connector via copper bars**
- **Options**
  - **Programming via PC (RS485/RS232/LAN)**
  - **Isolated analogue amplifiers**
  - **Remote sensing**
  - **Regulation deviation <1%**
  - **Ripple (300 Hz) <1%**

| 技术参数       | Technical Data     | EA-PS 1020-250 | EA-PS 1040-150 | EA-PS 1060-100 | EA-PS 1080-60  |
|------------|--------------------|----------------|----------------|----------------|----------------|
| 输入电压       | Input voltage      | 3x 400 +/- 10% | 3x 400 +/- 10% | 3x 400 +/- 10% | 3x 400 +/- 10% |
| -频率        | -Frequency         | 50...60Hz      | 50...60Hz      | 50...60Hz      | 50...60Hz      |
| 输出电压       | Output voltage     | 0...20V        | 0...40V        | 0...60V        | 0...80V        |
| -稳定度       | -Stability         | <2%            | <2%            | <2%            | <2%            |
| -纹波        | -Ripple            | <2%            | <2%            | <2%            | <2%            |
| 输出电流       | Output current     | 0...250A       | 0...150A       | 0...100A       | 0...60A        |
| 输出功率       | Output power       | 5000W          | 6000W          | 6000W          | 4800W          |
| 尺寸 (W H D) | Dimensions (W H D) | 19" 4U 510mm   | 19" 4U 510mm   | 19" 4U 510mm   | 19" 4U 510mm   |
| 重量         | Weight             | 22kg           | 22kg           | 22kg           | 22kg           |

| 技术参数       | Technical Data     | EA-PS 1150-40  | EA-PS 1300-20  | EA-PS 1600-10  | EA-PS 1900-3   |
|------------|--------------------|----------------|----------------|----------------|----------------|
| 输入电压       | Input voltage      | 3x 400 +/- 10% | 3x 400 +/- 10% | 3x 400 +/- 10% | 3x 400 +/- 10% |
| -频率        | -Frequency         | 50...60Hz      | 50...60Hz      | 50...60Hz      | 50...60Hz      |
| 输出电压       | Output voltage     | 0...150V       | 0...300V       | 0...600V       | 0...900V       |
| -稳定度       | -Stability         | <2%            | <2%            | <2%            | <2%            |
| -纹波        | -Ripple            | <2%            | <2%            | <2%            | <2%            |
| 输出电流       | Output current     | 0...40A        | 0...20A        | 0...10A        | 0...3A         |
| 输出功率       | Output power       | 6000W          | 6000W          | 6000W          | 2700W          |
| 尺寸 (W H D) | Dimensions (W H D) | 19" 4U 510mm   | 19" 4U 510mm   | 19" 4U 510mm   | 19" 4U 510mm   |
| 重量         | Weight             | 22kg           | 22kg           | 22kg           | 22kg           |

## EA-PS 1000-15KW 14000W - 18000W

### 开关模式直流源 / SWITCHED DC CURRENT SOURCES



可选件 EA-PS 280



EA-PS 1020-750

- 高效, 效率>85%
- 输出功率: 14kW至18kW
- 输出电压: 0...20V 至 0...900V
- 输出电流: 0...20 A 至 0...750A
- 恒压和恒流调整
- 三位数LED显示器, 显示电压和电流
- 通过0...10V电压对U / I编程
- 通过0...10V电压监控U / I
- 直流输出远距离“开/关”
- 工作温度0-35°C (按需也可做40°C)
- 电源输入参数3 x 400V +/-10% 50-60Hz, P.F. >0,95
- 浪涌电流限制
- 风扇制冷
- 19"结构产品采用不锈钢外壳
- 用铜条当直流输出端
- 可选项
  - 用电脑编程 (RS485 / RS232 / LAN)
  - 绝缘模拟放大器
  - 远程感测
  - 调整偏差 <1%
  - 纹波 (300 Hz) <1%

- **High efficiency >85%**
- **Output power ratings: 14kW up to 18kW**
- **Output voltages: 0...20V up to 0...900V**
- **Output currents: 0...20A up to 0...750A**
- **Constant voltage and current regulation**
- **3-digit LED display for voltage and current**
- **U / I programmable via 0...10V**
- **U / I monitoring via 0...10V**
- **Remote „on/off“ for DC output**
- **Operation temp range 0-35°C (40°C on req.)**
- **Mains input 3 x 400V +/-10% 50-60Hz, P.F. >0.95**
- **Inrush current limit**
- **Air cooling by fans**
- **Stainless steel enclosure for 19" rack systems**
- **DC output connection via copper bars**
- **Options**
  - **Programming via PC (RS485/RS232/LAN)**
  - **Insulated analogue amplifiers**
  - **Remote sensing**
  - **Regulation deviation <1%**
  - **Ripple (300 Hz) <1%**

| 技术参数       | Technical Data     | EA-PS 1020-750 | EA-PS 1040-350 | EA-PS 1060-250 | EA-PS 1080-200 |
|------------|--------------------|----------------|----------------|----------------|----------------|
| 输入电压       | Input voltage      | 3x 400 +/- 10% | 3x 400 +/- 10% | 3x 400 +/- 10% | 3x 400 +/- 10% |
| -频率        | -Frequency         | 50...60Hz      | 50...60Hz      | 50...60Hz      | 50...60Hz      |
| 输出电压       | Output voltage     | 0...20V        | 0...40V        | 0...60V        | 0...80V        |
| -稳定性       | -Stability         | <2%            | <2%            | <2%            | <2%            |
| -纹波        | -Ripple            | <2%            | <2%            | <2%            | <2%            |
| 输出电流       | Output current     | 0...750A       | 0...350A       | 0...250A       | 0...200A       |
| 输出功率       | Output power       | 15000W         | 14000W         | 15000W         | 16000W         |
| 尺寸 (W H D) | Dimensions (W H D) | 19" 8U 470mm   | 19" 8U 470mm   | 19" 8U 470mm   | 19" 8U 470mm   |
| 重量         | Weight             | 70kg           | 70kg           | 70kg           | 70kg           |

| 技术参数       | Technical Data     | EA-PS 1150-100 | EA-PS 1300-50  | EA-PS 1600-25  | EA-PS 1900-20  |
|------------|--------------------|----------------|----------------|----------------|----------------|
| 输入电压       | Input voltage      | 3x 400 +/- 10% | 3x 400 +/- 10% | 3x 400 +/- 10% | 3x 400 +/- 10% |
| -频率        | -Frequency         | 50...60Hz      | 50...60Hz      | 50...60Hz      | 50...60Hz      |
| 输出电压       | Output voltage     | 0...150V       | 0...300V       | 0...600V       | 0...900V       |
| -稳定性       | -Stability         | <2%            | <2%            | <2%            | <2%            |
| -纹波        | -Ripple            | <2%            | <2%            | <2%            | <2%            |
| 输出电流       | Output current     | 0...100A       | 0...50A        | 0...25A        | 0...20A        |
| 输出功率       | Output power       | 15000W         | 15000W         | 15000W         | 18000W         |
| 尺寸 (W H D) | Dimensions (W H D) | 19" 8U 470mm   | 19" 8U 470mm   | 19" 8U 470mm   | 19" 8U 470mm   |
| 重量         | Weight             | 70kg           | 70kg           | 70kg           | 70kg           |

## EA-PS 1000-40KW 30000W - 40000W

### 开关模式直流源 / SWITCHED DC CURRENT SOURCES



可选件 EA-PS 280



EA-PS 1040-1000



- 高效, 效率>85%
- 输出功率: 30kW至45kW
- 输出电压: 0...20V 至 0...900V
- 输出电流: 0...50 A 至 0...2000A
- 恒压和恒流调整
- 电压和电流可调
- 通过0...10V电压对U / I编程
- 通过0...10V电压监控U / I
- 直流输出远距离“开/关”
- 工作温度0-35°C (按需也可做40°C)
- 电源输入参数3 x 400V +/-10% 50-60Hz, P.F. >0,95
- 浪涌电流限制
- 风扇制冷
- 内嵌式采用不锈钢外壳
- 用铜条当直流输出端
- 可选项
  - 外部控制器 EA-PS 280
  - 用电脑编程(RS485 / RS232 / LAN)
  - 远程感测
  - 绝缘模拟放大器
  - 调整偏差<1%
  - 纹波 (300 Hz) <1%

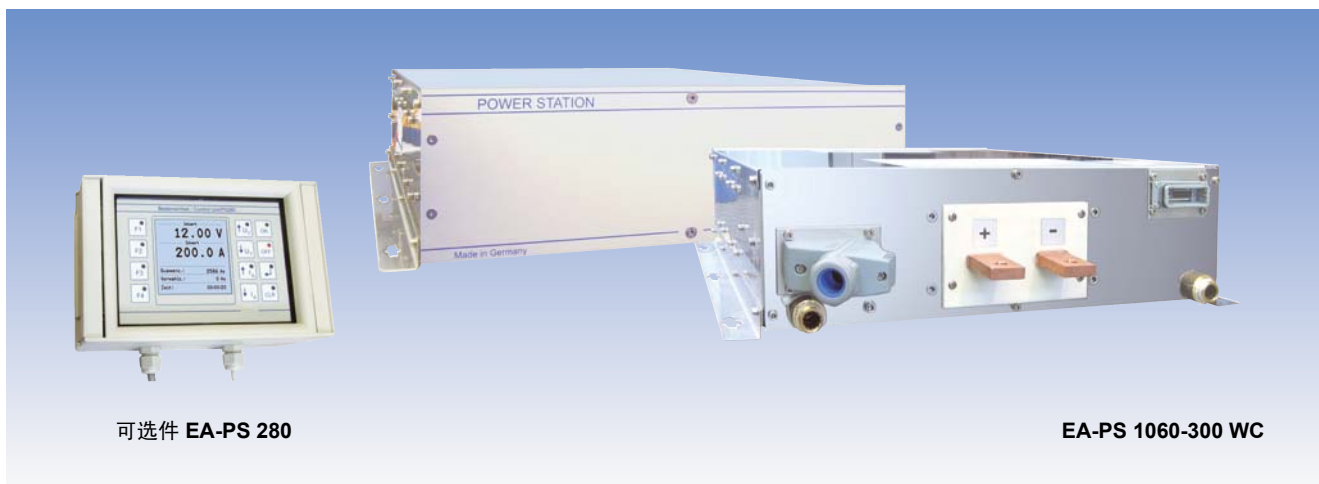
- **High efficiency >85%**
- **Output power ratings: 30kW up to 45kW**
- **Output voltages: 0...20V up to 0...900V**
- **Output currents: 0...50A up to 0...2000A**
- **Constant voltage and current regulation**
- **Voltage and current adjustable**
- **U / I programmable via 0...10V**
- **U / I monitoring via 0...10V**
- **Remote „on/off“ for DC output**
- **Operation temp range 0-35°C (40°C on req.)**
- **Mains input 3 x 400V +/-10% 50-60Hz, P.F. >0.95**
- **Inrush current limit**
- **Air cooling by fans**
- **Stainless steel enclosure for rack mount**
- **DC output connection via copper bars**
- **Options**
  - **External control unit EA-PS 280**
  - **Programming via PC (RS485/RS232/LAN)**
  - **Remote sensing**
  - **Isolated analogue amplifiers**
  - **Regulation deviation <1%**
  - **Ripple (300 Hz) <1%**

| 技术参数       | Technical Data     | EA-PS 1020-2000 | EA-PS 1040-1000 | EA-PS 1060-600  | EA-PS 1080-500  |
|------------|--------------------|-----------------|-----------------|-----------------|-----------------|
| 输入电压       | Input voltage      | 3x 400 +/- 10%  | 3x 400 +/- 10%  | 3x 400 +/- 10%  | 3x 400 +/- 10%  |
| -频率        | -Frequency         | 50...60Hz       | 50...60Hz       | 50...60Hz       | 50...60Hz       |
| 输出电压       | Output voltage     | 0...20V         | 0...40V         | 0...60V         | 0...80V         |
| -稳定度       | -Stability         | <2%             | <2%             | <2%             | <2%             |
| -纹波        | -Ripple            | <2%             | <2%             | <2%             | <2%             |
| 输出电流       | Output current     | 0...2000A       | 0...1000A       | 0...600A        | 0...500A        |
| 输出功率       | Output power       | 40kW            | 40kW            | 36kW            | 40kW            |
| 尺寸 (WxHxD) | Dimensions (WxHxD) | 557x332x1027 mm | 557x332x1027 mm | 557x332x1027 mm | 557x332x1027 mm |
| 重量         | Weight             | 111kg           | 111kg           | 111kg           | 111kg           |

| 技术参数       | Technical Data     | EA-PS 1150-250  | EA-PS 1300-120  | EA-PS 1600-50   | EA-PS 1900-40   |
|------------|--------------------|-----------------|-----------------|-----------------|-----------------|
| 输入电压       | Input voltage      | 3x 400 +/- 10%  | 3x 400 +/- 10%  | 3x 400 +/- 10%  | 3x 400 +/- 10%  |
| -频率        | -Frequency         | 50...60Hz       | 50...60Hz       | 50...60Hz       | 50...60Hz       |
| 输出电压       | Output voltage     | 0...150V        | 0...300V        | 0...600V        | 0...900V        |
| -稳定度       | -Stability         | <2%             | <2%             | <2%             | <2%             |
| -纹波        | -Ripple            | <2%             | <2%             | <2%             | <2%             |
| 输出电流       | Output current     | 0...250A        | 0...120A        | 0...50A         | 0...40A         |
| 输出功率       | Output power       | 37.5kW          | 36kW            | 30kW            | 36kW            |
| 尺寸 (WxHxD) | Dimensions (WxHxD) | 557x332x1027 mm | 557x332x1027 mm | 557x332x1027 mm | 557x332x1027 mm |
| 重量         | Weight             | 111kg           | 111kg           | 111kg           | 111kg           |

## EA-PS 1000-20KW WC 18000W - 20000W

### 开关模式直流源 / SWITCHED DC CURRENT SOURCES



可选件 EA-PS 280

EA-PS 1060-300 WC

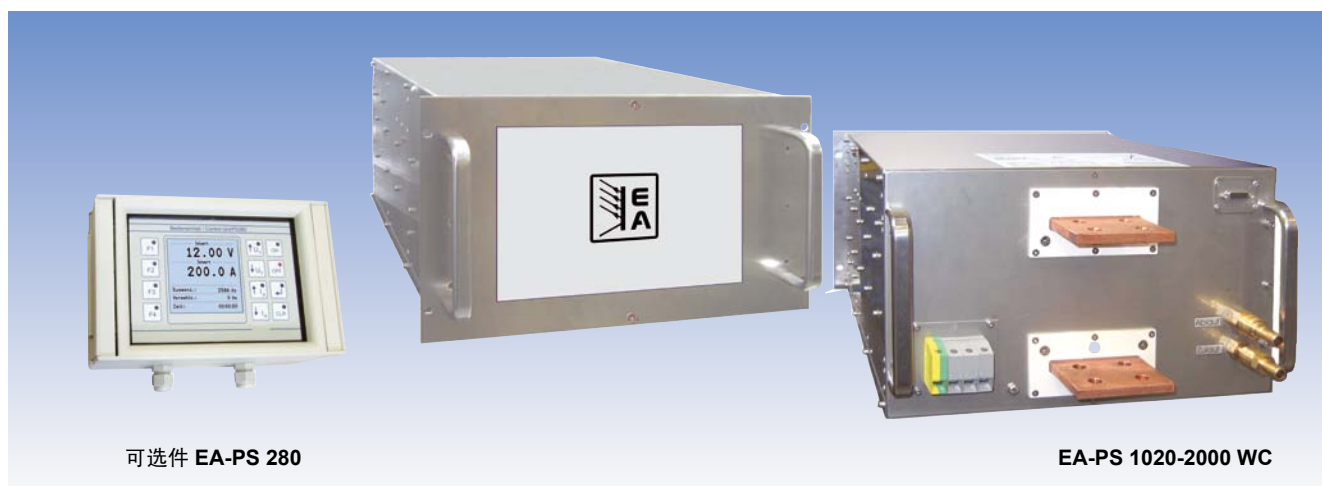
- 高效, 效率>85%
  - 输出功率: 18kW至20kW
  - 输出电压: 0...20V 至 0...900V
  - 输出电流: 0...20 A 至 0...1000A
  - 恒压和恒流调整
  - 微处理器控制调整
  - 通过0...10V电压对U / I编程
  - 通过0...10V电压监控U / I
  - 直流输出远距离“开/关”
  - 工作温度 5-40°C
  - 电源输入参数 3 x 360V...506V 50-60Hz
  - 功率因数值为  $\cos \varphi$  0.95
  - 有软启动功能
  - 温控水冷制冷方式
  - 19"结构产品采用 IP53不锈钢外壳
  - 铜条直流输出端在产品后面
  - 可并联和串联多达30台产品
  - 可选项
    - 外部控制器 EA-PS 280
    - 用电脑编程 (RS485 / RS232 / LAN)
    - 绝缘模拟放大器
    - 远程感测
- **High efficiency >85%**
  - **Output power ratings: 18kW up to 20kW**
  - **Output voltages: 0...20V up to 0...900V**
  - **Output currents: 0...20A up to 0...1000A**
  - **Constant voltage and current regulation**
  - **Microprocessor controlled regulation**
  - **U / I programmable via 0...10V**
  - **U / I monitoring via 0...10V**
  - **Remote „on/off“ for DC output**
  - **Operation temp. range 5° - 40°C**
  - **Mains input 3 x 360V...506V 50-60Hz**
  - **Power factor  $\cos \varphi$  0.95**
  - **Soft start function**
  - **Water cooling, temperature controlled**
  - **Stainless IP53 steel enclosure for 19" rack systems**
  - **DC output connection via copper bars on the rear**
  - **Parallel and series connection of up to 30 units**
  - **Options**
    - **External control unit EA-PS 280**
    - **Programming via PC (RS485/RS232/LAN)**
    - **Isolated analogue amplifiers**
    - **Remote sensing**

| 技术参数       | Technical Data      | EA-PS 1020-1000 WC | EA-PS 1040-500 WC | EA-PS 1060-300 WC | EA-PS 1080-250 WC |
|------------|---------------------|--------------------|-------------------|-------------------|-------------------|
| 输入电压       | Input voltage       | 3x 360...506V      | 3x 360...506V     | 3x 360...506V     | 3x 360...506V     |
| -频率        | -Frequency          | 50...60Hz          | 50...60Hz         | 50...60Hz         | 50...60Hz         |
| 输出电压 (DC)  | Output voltage (DC) | 0...20V            | 0...40V           | 0...60V           | 0...80V           |
| -稳定性       | -Stability          | <1%                | <1%               | <1%               | <1%               |
| -纹波        | -Ripple             | <1% rms            | <1% rms           | <1% rms           | <1% rms           |
| 输出电流       | Output current      | 0...1000A          | 0...500A          | 0...300A          | 0...250A          |
| 输出功率       | Output power        | 20kW               | 20kW              | 18kW              | 20kW              |
| 尺寸 (W H D) | Dimensions (W H D)  | 19" 3U 520mm       | 19" 3U 520mm      | 19" 3U 520mm      | 19" 3U 520mm      |
| 重量         | Weight              | 55kg               | 55kg              | 55kg              | 55kg              |

| 技术参数       | Technical Data      | EA-PS 1150-120 WC | EA-PS 1300-60 WC | EA-PS 1600-30 WC | EA-PS 1900-20 WC |
|------------|---------------------|-------------------|------------------|------------------|------------------|
| 输入电压       | Input voltage       | 3x 360...506V     | 3x 360...506V    | 3x 360...506V    | 3x 360...506V    |
| -频率        | -Frequency          | 50...60Hz         | 50...60Hz        | 50...60Hz        | 50...60Hz        |
| 输出电压 (DC)  | Output voltage (DC) | 0...150V          | 0...300V         | 0...600V         | 0...900V         |
| -稳定性       | -Stability          | <1%               | <1%              | <1%              | <1%              |
| -纹波        | -Ripple             | <1% rms           | <1% rms          | <1% rms          | <1% rms          |
| 输出电流       | Output current      | 0...120A          | 0...60A          | 0...30A          | 0...20A          |
| 输出功率       | Output power        | 18kW              | 18kW             | 18kW             | 18kW             |
| 尺寸 (W H D) | Dimensions (W H D)  | 19" 3U 520mm      | 19" 3U 520mm     | 19" 3U 520mm     | 19" 3U 520mm     |
| 重量         | Weight              | 55kg              | 55kg             | 55kg             | 55kg             |

## EA-PS 1000-40KW WC 36000W - 40000W

### 开关模式直流源 / SWITCHED DC CURRENT SOURCES



可选件 EA-PS 280

EA-PS 1020-2000 WC

- 高效, 效率>85%
- 输出功率: 36kW 至 40kW
- 输出电压: 0...20V 至 0...900V
- 输出电流: 0...40A 至 0...2000A
- 恒压和恒流调整
- 微处理器控制调整
- 通过 0...10V 电压对 U / I 编程
- 通过 0...10V 电压监控 U / I
- 直流输出远距离“开/关”
- 工作温度 5-40°C
- 电源输入参数 3 x 360V...506V 50-60Hz
- 功率因数校正值为  $\cos\phi$  0.95
- 有软启动功能
- 温控水冷却方式
- 19"结构的类型采用 IP53 不锈钢外壳
- 铜条直流输出端在产品后面
- 可并联和串联多达 30 台产品
- 可选项
  - 外部控制器 EA-PS 280
  - 用电脑编程 (RS485 / RS232 / LAN)
  - 绝缘模拟放大器
  - 远程感测

- **High efficiency >85%**
- **Output power ratings: 36kW up to 40kW**
- **Output voltages: 0...20V up to 0...900V**
- **Output currents: 0...40A up to 0...2000A**
- **Constant voltage and current regulation**
- **Microprocessor controlled regulation**
- **U / I programmable via 0...10V**
- **U / I monitoring via 0...10V**
- **Remote „on/off“ for DC output**
- **Operation temp. range 5° - 40°C**
- **Mains input 3 x 360V...506V 50-60Hz**
- **Power factor  $\cos\phi$  0.95**
- **Soft start function**
- **Water cooling, temperature controlled**
- **Stainless IP53 steel enclosure for 19" rack system**
- **DC output connection via copper bars on the rear**
- **Parallel and series connection of up to 30 units**
- **Options**
  - **External control unit EA-PS 280**
  - **Programming via PC (RS485/RS232/LAN)**
  - **Isolated analogue amplifiers**
  - **Remote sensing**

| 技术参数       | Technical Data      | EA-PS 1020-2000 WC | EA-PS 1040-1000 WC | EA-PS 1060-600 WC | EA-PS 1080-500 WC |
|------------|---------------------|--------------------|--------------------|-------------------|-------------------|
| 输入电压       | Input voltage       | 3x 360...506V      | 3x 360...506V      | 3x 360...506V     | 3x 360...506V     |
| -频率        | -Frequency          | 50...60Hz          | 50...60Hz          | 50...60Hz         | 50...60Hz         |
| 输出电压 (DC)  | Output voltage (DC) | 0...20V            | 0...40V            | 0...60V           | 0...80V           |
| -稳定度       | -Stability          | <1%                | <1%                | <1%               | <1%               |
| -纹波        | -Ripple             | <1% rms            | <1% rms            | <1% rms           | <1% rms           |
| 输出电流       | Output current      | 0...2000A          | 0...1000A          | 0...600A          | 0...500A          |
| 输出功率       | Output power        | 40kW               | 40kW               | 36kW              | 40kW              |
| 尺寸 (WxHxD) | Dimensions (W H D)  | 19" 6U 520mm       | 19" 6U 520mm       | 19" 6U 520mm      | 19" 6U 520mm      |
| 重量         | Weight              | 106kg              | 106kg              | 106kg             | 106kg             |

| 技术参数       | Technical Data      | EA-PS 1150-250 WC | EA-PS 1300-120 WC | EA-PS 1600-60 WC | EA-PS 1900-40 WC |
|------------|---------------------|-------------------|-------------------|------------------|------------------|
| 输入电压       | Input voltage       | 3x 360...506V     | 3x 360...506V     | 3x 360...506V    | 3x 360...506V    |
| -频率        | -Frequency          | 50...60Hz         | 50...60Hz         | 50...60Hz        | 50...60Hz        |
| 输出电压 (DC)  | Output voltage (DC) | 0...150V          | 0...300V          | 0...600V         | 0...900V         |
| -稳定度       | -Stability          | <1%               | <1%               | <1%              | <1%              |
| -纹波        | -Ripple             | <1% rms           | <1% rms           | <1% rms          | <1% rms          |
| 输出电流       | Output current      | 0...250A          | 0...120A          | 0...60A          | 0...40A          |
| 输出功率       | Output power        | 37.5kW            | 36kW              | 36kW             | 36kW             |
| 尺寸 (WxHxD) | Dimensions (W H D)  | 19" 6U 520mm      | 19" 6U 520mm      | 19" 6U 520mm     | 19" 6U 520mm     |
| 重量         | Weight              | 106kg             | 106kg             | 106kg            | 106kg            |



## EA-PS 1000-75KW 60000W - 80000W

### 开关模式直流源 / SWITCHED DC CURRENT SOURCES



EA-PS 1020-3500

- 高效, 效率>85%
  - 输出功率: 60kW 至 80kW
  - 输出电压: 0...20V 至 0...900V
  - 输出电流: 0...75A 至 0...3500A
  - 调整偏差 <2%, 纹波 (300Hz)<2%
  - 恒压和恒流调整
  - 通过 0...10V 电压对U / I 编程
  - 通过 0...10V 电压监控U / I
  - 直流输出远距离“开/关”
  - 工作温度0-35°C (按需也可做40°C)
  - 电源输入参数3 x 400V +/-10% 50-60Hz, P.F. >0.95
  - 浪涌电流限制
  - 配有电源断路器保护和电源开关
  - 有风冷 (AC) 和水冷 (WC) 制冷方式
  - 采用威图TS机柜, 着RAL 7035喷粉涂层
  - 可选项
    - 外部控制器 EA-PS 280
    - 用电脑编程 (RS485/RS232/LAN)
    - 绝缘模拟放大器
    - 远程感测
    - 调整偏差 <1%, 纹波 (300 Hz) <1%
- High efficiency >85%
  - Output power ratings: 60kW up to 80kW
  - Output voltages: 0...20V up to 0...900V
  - Output currents: 0...75A up to 0...3500A
  - Regulation deviation <2%, Ripple (300Hz)<2%
  - Constant voltage and current regulation
  - U / I programmable via 0...10V
  - U / I monitoring via 0...10V
  - Remote „on/off“ for DC output
  - Operation temp range 0-35°C (40°C on req.)
  - Mains input 3 x 400V +/-10% 50-60Hz, P.F. >0.95
  - Inrush current limiter
  - Mains circuit breaker and mains power switch incl.
  - Air cooling (AC) or water cooling (WC)
  - Cabinet Rittal TS, RAL 7035 powder coated
  - Options
    - External control unit EA-PS 280
    - Programming via PC (RS485/RS232/LAN)
    - Isolated analogue amplifiers
    - Remote sensing
    - Regulation deviation <1%, ripple (300Hz) <1%

| 技术参数            | Technical Data             | EA-PS 1020-3500 (WC) | EA-PS 1040-1700 (WC) | EA-PS 1060-1200 (WC) | EA-PS 1080-1000 (WC) |
|-----------------|----------------------------|----------------------|----------------------|----------------------|----------------------|
| 输入电压            | Input voltage              | 3x 400 +/- 10%       | 3x 400 +/- 10%       | 3x 400 +/- 10%       | 3x 400 +/- 10%       |
| -频率             | -Frequency                 | 50...60Hz            | 50...60Hz            | 50...60Hz            | 50...60Hz            |
| 输出电压 (DC)       | Output voltage (DC)        | 0...20V              | 0...40V              | 0...60V              | 0...80V              |
| -稳定度            | -Stability                 | <2%                  | <2%                  | <2%                  | <2%                  |
| -纹波             | -Ripple                    | <2%                  | <2%                  | <2%                  | <2%                  |
| 输出电流            | Output current             | 0...3500A            | 0...1700A            | 0...1200A            | 0...1000A            |
| 输出功率            | Output power               | 70kW                 | 68kW                 | 72kW                 | 80kW                 |
| 风冷式产品尺寸 (WxHxD) | Dim. air cooling (WxHxD)   | 600x2200x600mm       | 600x2200x600mm       | 600x2200x600mm       | 600x2200x600mm       |
| 水冷式产品尺寸 (WxHxD) | Dim. water cooling (WxHxD) | 600x2200x600mm       | 800x2200x600mm       | 800x2200x600mm       | 800x2200x600mm       |
| 重量              | Weight                     | 300kg                | 300kg                | 300kg                | 300kg                |

| 技术参数            | Technical Data             | EA-PS 1150-500 (WC) | EA-PS 1300-250 (WC) | EA-PS 1600-100 (WC) | EA-PS 1900-75 (WC) |
|-----------------|----------------------------|---------------------|---------------------|---------------------|--------------------|
| 输入电压            | Input voltage              | 3x 400 +/- 10%      | 3x 400 +/- 10%      | 3x 400 +/- 10%      | 3x 400 +/- 10%     |
| -频率             | -Frequency                 | 50...60Hz           | 50...60Hz           | 50...60Hz           | 50...60Hz          |
| 输出电压 (DC)       | Output voltage (DC)        | 0...150V            | 0...300V            | 0...600V            | 0...900V           |
| -稳定度            | -Stability                 | <2%                 | <2%                 | <2%                 | <2%                |
| -纹波             | -Ripple                    | <2%                 | <2%                 | <2%                 | <2%                |
| 输出电流            | Output current             | 0...500A            | 0...250A            | 0...100A            | 0...75A            |
| 输出功率            | Output power               | 75kW                | 75kW                | 60kW                | 67,5kW             |
| 风冷式产品尺寸 (WxHxD) | Dim. air cooling (WxHxD)   | 600x2200x600mm      | 600x2200x600mm      | 600x2200x600mm      | 600x2200x600mm     |
| 水冷式产品尺寸 (WxHxD) | Dim. water cooling (WxHxD) | 800x2200x600mm      | 800x2200x600mm      | 800x2200x600mm      | 800x2200x600mm     |
| 重量              | Weight                     | 300kg               | 300kg               | 300kg               | 300kg              |

## EA-PS 1000-120KW 117000W - 120000W

### 开关模式直流源 / SWITCHED DC CURRENT SOURCES








- 高效, 效率>85%
- 输出功率: 117kW 至 120kW
- 输出电压: 0...20V 至 0...900V
- 输出电流: 0...130A 至 0...6000A
- 调整偏差 <2%, 纹波 (300Hz) <2%
- 恒压和恒流调整
- 通过0...10V电压对U / I 编程
- 通过0...10V电压监控U / I
- 直流输出远距离“开/关”
- 工作温度0-35°C (按需也可做40°C)
- 电源输入参数3 x 400V +/-10% 50-60Hz, P.F. >0.95
- 浪涌电流限制
- 配有电源断路器保护和电源开关
- 有风冷 (AC) 或水冷 (WC) 制冷方式
- 采用威图TS机柜, 着RAL 7035喷粉涂层
- 可选项
  - 外部控制器 EA-PS 280
  - 用电脑编程 (RS485 / RS232 / LAN)
  - 绝缘模拟放大器
  - 远程感测
  - 调整偏差 <1%, 纹波 (300 Hz) <1%

- **High efficiency >85%**
- **Output power ratings: 117kW up to 120kW**
- **Output voltages: 0...20V up to 0...900V**
- **Output currents: 0...130A up to 0...6000A**
- **Regulation deviation <2%, Ripple (300Hz) <2%**
- **Constant voltage and current regulation**
- **U / I programmable via 0...10V**
- **U / I monitoring via 0...10V**
- **Remote „on/off“ for DC output**
- **Operation temp range 0-35°C (40°C on req.)**
- **Mains input 3 x 400V +/-10% 50-60Hz, P.F. >0.95**
- **Inrush current limit**
- **Mains circuit breaker and mains power switch incl.**
- **Air cooling (AC) or water cooling (WC)**
- **Cabinet Rittal TS, RAL 7035 powder coated**
- **Options**
  - **External control unit EA-PS 280**
  - **Programming via PC (RS485/RS232/LAN)**
  - **Isolated analog amplifiers**
  - **Remote sensing**
  - **Regulation deviation <1%, ripple (300Hz) <1%**

| 技术参数            | Technical Data             | EA-PS 1020-6000 (WC) | EA-PS 1040-3000 (WC) | EA-PS 1060-2000 (WC) | EA-PS 1080-1500 (WC) |
|-----------------|----------------------------|----------------------|----------------------|----------------------|----------------------|
| 输入电压            | Input voltage              | 3x 400 +/- 10%       | 3x 400 +/- 10%       | 3x 400 +/- 10%       | 3x 400 +/- 10%       |
| -频率             | -Frequency                 | 50...60Hz            | 50...60Hz            | 50...60Hz            | 50...60Hz            |
| 输出电压 (DC)       | Output voltage (DC)        | 0...20V              | 0...40V              | 0...60V              | 0...80V              |
| -稳定度            | -Stability                 | <2%                  | <2%                  | <2%                  | <2%                  |
| -纹波             | -Ripple                    | <2%                  | <2%                  | <2%                  | <2%                  |
| 输出电流            | Output current             | 0...6000A            | 0...3000A            | 0...2000A            | 0...1500A            |
| 输出功率            | Output power               | 120kW                | 120kW                | 120kW                | 120kW                |
| 风冷式产品尺寸 (WxHxD) | Dim. air cooling (WxHxD)   | 1800x2200x600mm      | 1800x2200x600mm      | 1800x2200x600mm      | 1800x2200x600mm      |
| 水冷式产品尺寸 (WxHxD) | Dim. water cooling (WxHxD) | 600x2200x600mm       | 800x2200x600mm       | 800x2200x600mm       | 800x2200x600mm       |
| 重量              | Weight                     | 300kg                | 300kg                | 300kg                | 300kg                |

| 技术参数            | Technical Data             | EA-PS 1150-800 (WC) | EA-PS 1300-400 (WC) | EA-PS 1600-200 (WC) | EA-PS 1900-130 (WC) |
|-----------------|----------------------------|---------------------|---------------------|---------------------|---------------------|
| 输入电压            | Input voltage              | 3x 400 +/- 10%      | 3x 400 +/- 10%      | 3x 400 +/- 10%      | 3x 400 +/- 10%      |
| -频率             | -Frequency                 | 50...60Hz           | 50...60Hz           | 50...60Hz           | 50...60Hz           |
| 输出电压 (DC)       | Output voltage (DC)        | 0...150V            | 0...300V            | 0...600V            | 0...900V            |
| -稳定度            | -Stability                 | <2%                 | <2%                 | <2%                 | <2%                 |
| -纹波             | -Ripple                    | <2%                 | <2%                 | <2%                 | <2%                 |
| 输出电流            | Output current             | 0...800A            | 0...400A            | 0...200A            | 0...130A            |
| 输出功率            | Output power               | 120kW               | 120kW               | 120kW               | 117kW               |
| 风冷式产品尺寸 (WxHxD) | Dim. air cooling (WxHxD)   | 1800x2200x600mm     | 1800x2200x600mm     | 1800x2200x600mm     | 1800x2200x600mm     |
| 水冷式产品尺寸 (WxHxD) | Dim. water cooling (WxHxD) | 800x2200x600mm      | 800x2200x600mm      | 800x2200x600mm      | 800x2200x600mm      |
| 重量              | Weight                     | 300kg               | 300kg               | 300kg               | 300kg               |



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