



MOST COMPREHENSIVE PROGRAMMABLE POWER SOLUTIONS

The EA-10000 series includes more than 180 devices: programmable DC power supplies EA-PS & EA-PSI, bidirectional DC power supplies EA-PSB & regenerative electronic DC loads EA-ELR.

All series come in power form factors of 2U, 3U and 4U

ATE TESTING SOLUTIONS



EA-PSB 10000 2U

- 1.5 kW and 3 kW
- Up to 750Vdc & up to 120 Adc
- Parallel up to 192 kW

ELR 10000 4U

- Power 30 kW
- 0 - 80 V up to 0 - 2000 V
- 0 - 40 A up to 0 - 1000 A

EA-PSB 10000 4U

- 15 kW to 30 kW
- Up to 2,000Vdc
- Parallel up to 1.92 MW

EA Advantages

- High power Density
- Output voltage up to 2000V
- Power output up to 30 kW
- Paralleling up to 2MW
- High efficiency up to 96%
- Autoranging
- Arbitrary waveform and function generator
- Digital control, Anybus
- Low EMC



Programmable DC Power Supplies



Programmable DC Electronic Loads (Conventional and regenerative)

INTERFACES, PORTS / SOFTWARE

- **Extensive portfolio of interfaces:** Analog, USB, CAN, CANopen, DeviceNet, RS232, EtherCAT, Ethernet 1 and 2 port, Profinet 1 and 2 port, Modbus 1 and 2 port, Profibus, USB-Host
- **Operating software EA-Power Control:** Monitor and control up to 20 devices simultaneously. Set and actual values in one graphic
- **Software EA-Battery Simulator:** Simulates Li-Ion and lead batteries

Reliable, Precise & Efficient Power Supplies for ATE Systems

EA- 10000 SERIES

Wide range of improved DC power supplies and electronic loads

EA POWER RACKS

- 19" cabinet system with up to 1.92 MW
- Systems with programmable laboratory power supplies, electronic loads with energy recovering and bidirectional laboratory power supplies
- Optionally available: Emergency stop (machine standards EN60204-1) Grid monitor (ENS) and insulation monitor Stainless steel water cooling Copper busbar for DC output
- Special construction for various applications

Laboratory Power Supply & Electronic Load
EA-PSB 10000, EA-PSI 10000, EA-ELR 10000



Air-cooled



Water-cooled



Up to 1.92MW in a rack system