



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

EV TESTING SOLUTIONS



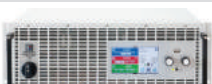
EA-PSB 10000 2U

- 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

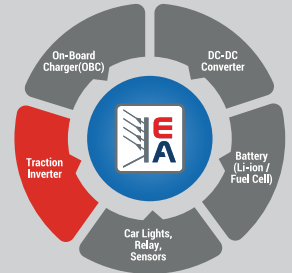
- Autoranging
- Power Density
- Battery simulation
- Arbitrary waveform and function generator
- Low EMC
- Output voltage up to 2000V
- Plug and play paralleling up to 2MW
- High efficiency up to 96%
- Battery and fuel cell test functions



Programmable DC Power Supplies

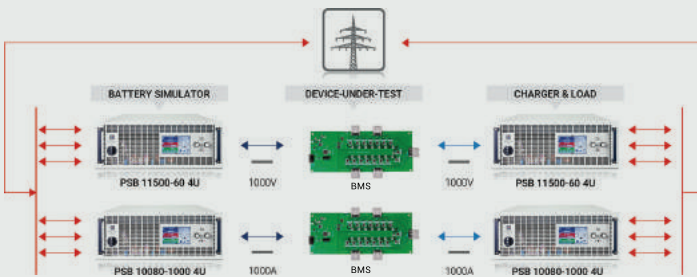


Programmable DC Electronic Loads (Conventional and regenerative)

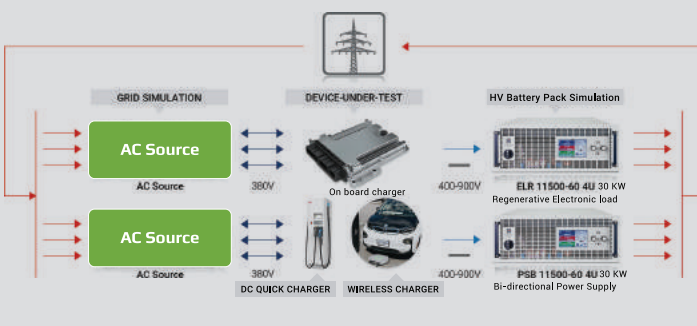


Electric Vehicles Testing Solutions

Battery Management Test Solutions



Testing On Board Chargers & DC Charging Stations



Automotive Test Standards

- LV 123
- ISO 16750-2
- VW 80300



- Integrated function generator provides the ability to create non-linear voltage and current waveforms in both Source & Sink mode.
- VW 80300 requires high voltage transient testing.
- Transients required to be 20V/msec for 450Vdc based hardware and 40V/msec for 900Vdc based hardware.
- Function generator allows users to program customizable transients.

