



# 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

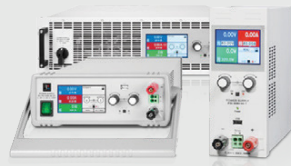
# EV TESTING SOLUTIONS

<b>EA-PSB 10000 2U</b>	<b>ELR 10000 4U</b>	<b>EA-PSB 10000 4U</b>
<ul style="list-style-type: none"> <li>1.5 kW and 3 kW</li> <li>Up to 750Vdc &amp; up to 120 Adc</li> <li>Parallel up to 192 kW</li> </ul>	<ul style="list-style-type: none"> <li>Power 30 kW</li> <li>0 - 80 V up to 0 - 2000 V</li> <li>0 - 40 A up to 0 - 1000 A</li> </ul>	<ul style="list-style-type: none"> <li>15 kW to 30 kW</li> <li>Up to 2,000Vdc</li> <li>Parallel up to 1.92 MW</li> </ul>



## EA Advantages

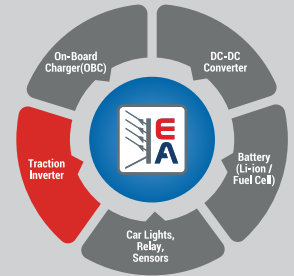
- Autoranging
- Power Density
- Battery simulation
- Arbitrary waveform and function generator
- Low EMC
- Output voltage up to 2000V
- Plug and play paralleling up to 2MW
- High efficiency up to 96%
- Battery and fuel cell test functions



Programmable DC Power Supplies

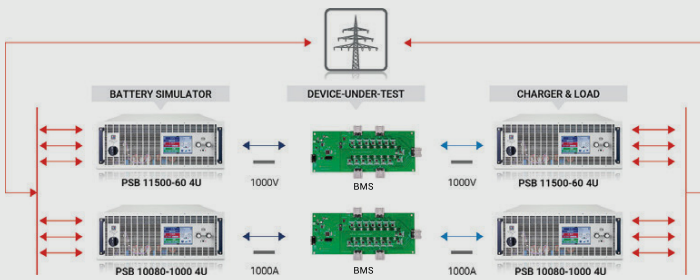


Programmable DC Electronic Loads (Conventional and regenerative)

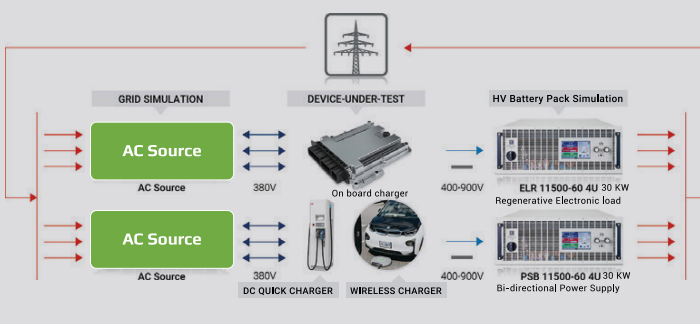


## Electric Vehicles Testing Solutions

### 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.

