

# Multi-purpose and flexible Battery Chargers, Power Supplies, Rectifiers and Converters



## Applications in:

- Industrial battery chargers and power supplies
- Various industrial DC-supplies
- Transportation (Marine, Rail, Electric Vehicles)
- Auxiliary DC-supply for Telecom and Infrastructure
- DC/DC converters for typical 110VDC and 220VDC industrial backup systems

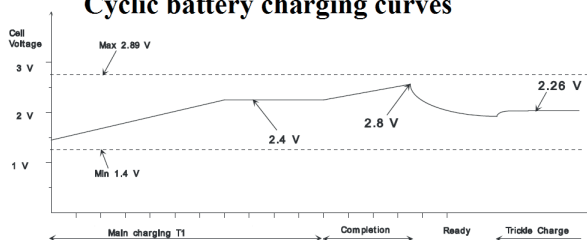
## Main features:

- 800–3200W power range modules
- Parallel and Series connectable
- Wide range of both AC- and DC-input voltages
- DC-output 0–320VDC
- Over 100 different versions
- Optional analog control, temperature compensation and charging algorithms
- Easy to custom modify

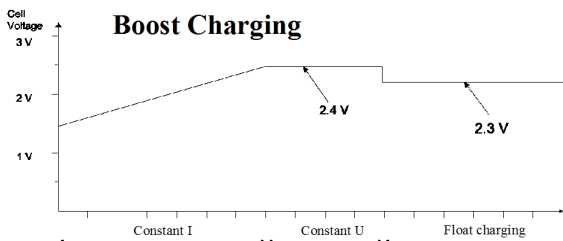
## Flexible power for a wide range of industrial applications

### Customized charging algorithms

#### Cyclic battery charging curves

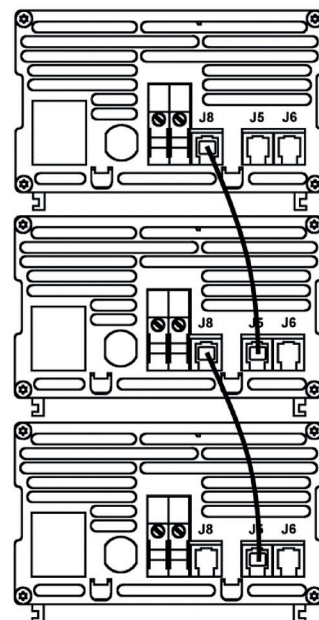
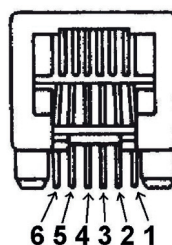


#### Boost Charging



### Master-Slave Connection

#### External control 0–5V analog input



#### ADC4370 800W Battery Chargers, Power Supplies and Converters

Power range: AC/DC 800W, DC/DC 600W – parallel/series connectable

Wide input voltage range: 55–264VAC/78–340VDC

Any output voltage available from 0–144VDC

External control by analog 0–5VDC signal, master-slave connection

Optimal charging algorithms for all batteries, temp. comp. stand-by charging

#### ADC7480 3000W Battery Chargers, Power Supplies and Converters

Power range: AC/DC 3000W, DC/DC 3000W – parallel/series connectable

Wide input voltage range: 70–264VAC/80–369VDC

Any output voltage available from 0–320VDC

External control by analog 0–5VDC signal, master-slave connection

Optimal charging algorithms for all batteries, temp. comp. stand-by charging

#### ADC7520 1600W Battery Chargers, Power Supplies and Converters

Power range: AC/DC 1600W, DC/DC 1600W – parallel/series connectable

Wide input voltage range: 55–264VAC/78–340VDC

Any output voltage available from 0–72VDC

External control by analog 0–5VDC signal, master-slave connection

Optimal charging algorithms for all batteries, temp. comp. stand-by charging

#### ADC7180 800W 19" Modular Battery Chargers, Power Supplies, Rectifiers and Converters

Power range: AC/DC 800W...4800W, DC/DC 600W...3600W

Wide input voltage range: 55–264VAC/78–340VDC

Any output voltage available from 0–144VDC

External control by analog 0–5VDC signal

Temperature compensated stand-by charging