

At a glance ...

RCT Power



Product advantages

RCT Power GmbH is a manufacturer of inverters, wallboxes and stationary high-voltage storage solutions for residential and small commercial applications - and one of the few suppliers that develops and coordinates them themselves. Since its founding at the end of 2015, an experienced team of experts from the field of Power Electronics at the company's headquarters in Constance on Lake Constance has been working on innovative solutions for an even better long-term use of solar energy. The production of the batteries production takes place in the company's own plant in Suzhou/China, the inverters and storage inverters are manufactured in Germany. The company places great importance on simple, reliable and sustainable solutions. The customer receives a single source system from a single source and optimal service for all its components. Multiple awards attest the efficiency of the overall system.

RCT
power



Flexibility and versatility

- Storage systems for retrofitting existing plants (AC-coupled) as well as for new plants with backup power (DC coupled)
- Capacity of LiFePO4 high-voltage battery scalable and expandable between 3.8 and 11.5 kWh
- Three-phase supply as well as wide MPP range for flexible string planning and easy repowering

Safety and reliability

- Secure supply even in the event of a power failure due to Extension with RCT Power Switch
 - Automatic switchover to the battery storage system within 5 10 seconds
 - Choice of three-phase or single-phase supply
 - Use of PV and battery power
- “Made in Germany” (inverter & Wallbox)
- 10 years time value replacement warranty for battery storage and 10-year product warranty for inverters
- Extensive services, including replacement and repair service
- No Internet connection required for operation

Handling and operation

- Single Person installations possible thanks to 20kg Battery modules
- All components from a single source
- Time saver RCT Power App from commissioning, system updates to monitoring
- Silent operation thanks to maintenance-free convection cooling
- RCT Power Wallbox: convenient smart charging for electric cars with charging management, 4 charging modes and integrated RFID function (KfW-eligible).

Efficiency and economy

- Transformerless hybrid inverters with 2 MPP trackers and high efficiency in the power classes 4, 6, 8 and 10 kW
- Highly efficient charge/discharge thanks to high battery voltage
- Up to 11.5 kW charging and 10 kW discharging power
- Analytics-based charging process
- “Max Power Control” shading management system
- 0.4 seconds response time for load changes