Gorinchem, Netherlands
500 kW / 1.17 MWh

Ooltgensplaat, Netherlands
400 kW / 932 kWh

Frankfurt, Germany (SUZUKI)
1 MW / 1.86 MWh

Sydney, Australia (IKEA)
0.5 MW / 1.17 MWh

Iriba, Chad, Africa
2.5 MW / 7.83 MWh

Zagreb, Croatia
100 kW / 233 kWh

Suzhou, China
2.99 MW / 5.96 MWh

Ontario, USA
125 kW / 233 kWh

Athens, Greece
100 kW / 233 kWh

Partnership & Global Support

RCT Power is committed to delivering sustainable, high-quality, and bankable energy storage solutions. Leveraging 10+ years of energy storage expertise to bring 2019-proven utility-scale stability directly to C&I, far surpassing residential-based newcomers. Our dedicated global support team is ready to assist you from project design and commissioning through to long-term operation. With offices across four continents and 24/7 technical support, we partner with you to achieve energy independence and maximize ROI.

www.rct-power.com

RCT power

6
Years #1 SPI

2015
Founded

40 GWh
Planned Capacity

GERMAN ENGINEERING
GLOBAL REACH
PROVEN RELIABILITY

ENERGY STORAGE FOR COMMERCIAL & INDUSTRIAL

Germany
Technology and Design

RCT Power
Global Energy Storage Solution Provider

Global Presence & Manufacturing

- Strategic Multi-Plant Footprint (CN, DE, MY) Ensuring Large-scale
- Global Delivery to 30+ Countries with over 10GWh Cumulative Shipments
- Trusted ODM/OEM Partner for Leading European Energy Storage Brands
- Evolving Supply Chain & Processes to Meet Stringent EU Standards

Technology Leadership & Innovation

- Six-Year Champion in SPI Testing
- German Engineering DNA, Fused with Innovation Culture
- The Trailblazer Who Brought LFP Energy Storage to Europe
- Pioneered in Smart & Stackable Battery Tech to Energy Storage Systems
- Advanced Safety Technology with Five-Tier Protection System and a Three-stage fire system

All-Round Service

- R&D & Marketing Centers in Germany, China, USA, Australia & other regions
- Localized Service Teams in Key Markets
- Local Spare Parts Warehousing for Rapid Response
- Customized Training & Technical Support
- Digital After-Sales with Remote Diagnostics & On-Site Service

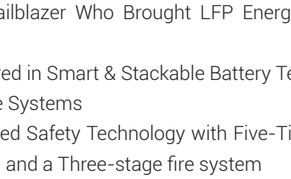
Quality Certifications & Industry Recognition

- Certified to Top Global Standards (UL, IEC, AS, CEC)
- Winner of 100+ International Awards
- "Top Brand Inverter Germany" & "Top Brand PV Storage Germany"
- Net-Zero Carbon Factory

CESS 200	280Ah
Capacity	233kWh
AC Power	100kW
AC Voltage	400Vac, 3P+N+PE
Corrosion-proof Grade of Cabinet	C4

CESS 261	314Ah
Capacity	261kWh
AC Power	125kW
AC Voltage	400Vac, 3P+N+PE
Corrosion-proof Grade of Cabinet	C5

CESS 1044	314Ah
Capacity	1044kWh
AC Power	500kW
AC Voltage	400Vac, 3P+N+PE
Corrosion-proof Grade of Cabinet	C5



CESS 4000	306Ah
Capacity	4073kWh
Footprint	20'high – cube IOS container
DC Voltage	1331.2 Vdc
Corrosion-proof Grade of Cabinet	C5

Advanced Technology
Complete Specifications

Five-Tier Protection System

Multi-layer protection from cell to container ensures system integrity. Independent tiers with failsafe mechanisms prevent single-point failures, setting an industry benchmark for safety and reliability.

Precision Liquid Thermal Management

Integrated multi-level BMS and advanced liquid cooling maintain optimal operation across extreme climates (from -30℃ to 50℃). This maximizes system efficiency and significantly extends LiFePO4 battery lifespan.

NFPA 69 Compliant Three-Stage Fire Safety

Continuous cell-level monitoring enables early detection. Automatic aerosol suppression at the source, backed by integrated water sprinklers, ensures a redundant, industry-leading fire safety protocol compliant with NFPA 69 standards.

Intelligent Energy Management System (EMS)

Integrated EMS utilizes real-time monitoring and predictive algorithms for optimized charging, discharging, and peak shaving. This maximizes operational efficiency, revenue generation, and provides 24/7 remote control and visibility.

Modular Design & Global Compatibility

Flexible, stackable architecture allows seamless capacity expansion from 233 kWh to multi-MWh installations. Designed for effortless integration with solar PV, wind, and grid infrastructure, compatible with all major global inverter platforms.

Key Application
Core Benefits

- Peak Demand Reduction
  Cost Savings
- Critical Backup Power
  Business Continuity
- TOU Energy Arbitrage
  Revenue Generation
- Solar Self-Consumption
  Energy Independence
- Seamless EMS Integration
  Frequency & Voltage Regulation
- Dynamic Energy Trading
  Maximized Asset Value

CESS 200 • 233 kWh • 100 kW

Capacity (Usable)	221.35 kWh (95% DOD)
Battery Type	$LiFePO_4$
DC Voltage	832 Vdc
Efficiency	>98.5%
Cycle Life	≥6000 cycles (70% SOH)
Temperature	-25°C - 45°C
IP Rating	IP54 (Battery: IP55)
Cooling	Liquid Cooling
Dimensions（mm）	W1600×H2200×D1300

CESS 261 • 261 kWh • 125 kW

Capacity (Usable)	247.95 kWh (95% DOD)
Battery Type	$LiFePO_4$
DC Voltage	832 Vdc
Efficiency	>98.5%
Cycle Life	≥8000 cycles (70% SOH)
Temperature	-30°C - 50°C
IP Rating	IP54
Cooling	Liquid Cooling
Dimension (mm)	W1130×H2328×D1385

CESS 1044 • 1044 kWh • 500 kW

Capacity (Usable)	991.80 kWh (95% DOD)
Battery Type	$LiFePO_4$
DC Voltage	832 Vdc
Efficiency	>98.5%
Cycle Life	≥8000 cycles (70% SOH)
Temperature	-30°C - 50°C
IP Rating	IP54
Cooling	Liquid Cooling
Dimension (mm)	W2991×H2591×D2438

CESS 4000 • 4073 kWh • Containerized

Form Factor	20ft ISO Container
Battery Type	$LiFePO_4$
Power Rating	2 MW (Configurable)
Efficiency	>98.5%
Temperature	-30°C - 50°C
IP Rating	IP55
Cooling	Liquid + HVAC
Dimension (mm)	W6058×H2896×D2438
Ventilation	Explosion-Proof (NFPA 69)