REVOLT
ENERGY

ADVANCED ENERGY STORAGE & POWER SOLUTIONS

2026



REVOLT ENERGY AT A GLANCE

Smart • Scalable • Secure

ReVolt Energy develops $LiFePO_4$ energy storage and power solutions for stationary, embedded and mobile applications – from residential and commercial storage to containerised BESS, hybrid power and off-grid solar. Systems are designed to be modular, scalable and deployment-ready for critical and harsh environments.

SMART

Communication-ready systems with BMS / EMS integration and a control layer for monitoring.

SCALABLE

Modular building blocks, from a single unit to containerised BESS, with scalable expansion.

SECURE

$LiFePO_4$ chemistry for safe, long-life storage, with integrated BMS and protection.

Four product families

Portfolio overview

Stationary Energy Storage p. 03
Residential / Commercial / Microgrids
RES-5™ • EHOME-10™ • E-Container™

Embedded Batteries p. 04
EV / Mobility / Special Applications
Starter Battery • AutoBat™ • Batteryfly™ Series

Mobile Power p. 04
Temporary / Isolated / Critical Missions
Mobile Energy Storage: Micro-ESS, trailer and trolley formats

Hybrid Solar Off-Grid p. 06
Desert / Isolated Microgrids
Solar PV + battery container + DC/AC conversion + backup generator

Inside this catalogue

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REVOLT ENERGY

PRODUCT PORTFOLIO

Stationary ESS • Embedded Batteries • Mobile Power • Hybrid Solar Off-Grid

Stationary Energy Storage

Residential / Commercial / Microgrids

RES-5™ (Residential Energy Storage)

- Target applications: residential backup, offices, renewable integration
- $LiFePO_4$ technology for safe, long-life energy storage
- Designed for modular deployment and scalable installations



EHOME-10™ (Residential / Small C&I Storage)

- Compact $LiFePO_4$ storage module for stationary applications
- Scalable architecture for larger installations
- Communication-ready for monitoring (typical BMS/EMS integration)



E-Container™ (BESS Container for C&I / Charging / Sites)

- Containerized Battery Energy Storage System for: renewables, charging stations, construction sites, events
- Built around the standard BESS building blocks (see below)
- Industrial approach: simplified deployment, faster installation, scalable expansion



BESS BUILDING BLOCKS

Batteries + BMS + Inverter / PCS + Protection + Control

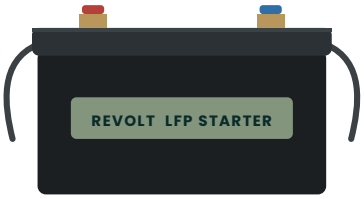
Images are illustrative. Detailed technical datasheets are available on request.

Embedded Batteries

EV / Mobility / Special Applications

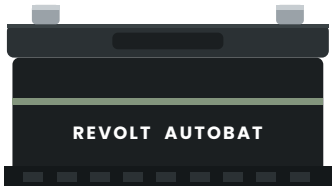
Starter Battery (LiFePO$_4$ high cranking current)

- Designed for engine start support with high cranking current
- LiFePO$_4$ chemistry: improved safety vs legacy chemistries



AutoBat™ (Automotive / EV Retrofit / Embedded)

- Designed for traction / embedded applications requiring medium to high voltages
- Modular configuration possible (series/parallel) to match power needs



Batteryfly™ Series (Aerospace / Drones / eVTOL / Helicopters)

- Target profile: aircraft, helicopters, drones, eVTOL
- Maintenance-minimized architecture; designed for wide operating conditions

Aerospace applications are subject to programme-specific qualification and certification.



Mobile Power

Temporary / Isolated / Critical Missions

Mobile Energy Storage (Micro-ESS / Trailer / Trolley formats)

- Mobile power for isolated places, temporary operations and field charging
- Enables “power where the grid stops” for critical loads and deployment sites



MICRO-ESS FORMAT



TROLLEY FORMAT

Images and illustrations are indicative. Detailed technical datasheets are available on request.

REVOLT ENERGY

SOLUTIONS BY APPLICATION

Backup Energy • UPS • EV Charging

A modern energy system combines batteries, BMS, inverter/PCS, switchgear, protection, and a control layer to deliver continuity, quality power, and optimized operating cost. ReVolt Energy solutions are designed to be modular, scalable, and deployment-ready for critical and harsh environments.

Backup Energy & UPS

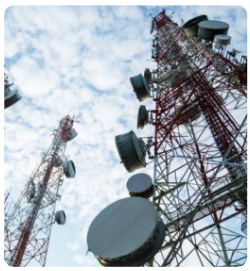
Critical Power Continuity

- Continuous power availability and clean power quality for critical loads
- Flexible autonomy through modular battery cabinets / scalable strings (architecture principle used in UPS ecosystems)

RECOMMENDED **RES-5™, EHOME-10™, E-Container™**



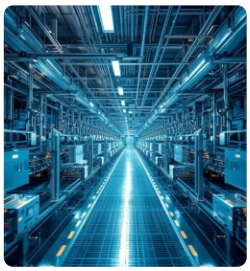
DATA ROOMS



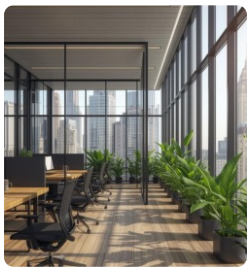
TELECOM



HOSPITALS



INDUSTRIAL UNITS



OFFICES

EV Charging

Fast Charging / Fleets / Weak-Grid Sites

- Peak power support for fast charging without immediate grid upgrades (BESS-as-buffer)
- Peak shaving / demand smoothing to reduce stress on site electrification

RECOMMENDED **E-Container™, Mobile Energy Storage**



CHARGING HUBS



PARKING



CHARGING SPOTS



FLEET DEPOTS



WEAK-GRID ZONES

SOLUTIONS BY APPLICATION

Hybrid Power • Off-Grid Solar

Generators + Batteries

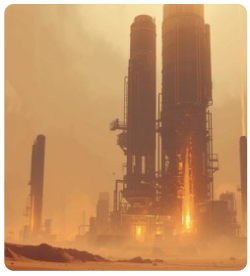
Hybrid Power

- Reduced diesel runtime via battery-first operation and smart hybridization
- Lower OPEX and improved reliability through optimized generator cycling

RECOMMENDED **E-Container™, Mobile Energy Storage + Backup Generator pack**



TELECOM TOWERS



REMOTE INDUSTRY



MINING



CONSTRUCTION SITES



CRISIS DEPLOYMENTS

Off-Grid Solar Solutions

Desert / Isolated Microgrids

SOLUTION PACK INCLUDES

Solar PV container + Battery container + DC/AC conversion + Backup generator

- Designed for harsh climates:
  - High-temperature operation, dust/sand/humidity/wind-resistant design; low maintenance
  - Battery core: $LiFePO_4$ long-life (5,000–7,000 cycles class, depending on depth of discharge and operating temperature) and high thermal safety

RECOMMENDED **E-Container™, Mobile Energy Storage**



ISOLATED VILLAGES



SMART VILLAGES



AGRO INDUSTRY



RURAL SCHOOLS



CRITICAL INFRASTRUCTURE

REVOLT ENERGY

SELECTION GUIDE

Which ReVolt product for which application

Stationary and mobile systems

Recommended products by application

APPLICATION	RES-5™	EHOME-10™	E-Container™	Mobile Energy Storage
Backup Energy & UPS Critical power continuity	✓	✓	✓	—
EV Charging Fast charging, fleets, weak-grid sites	—	—	✓	✓
Generators + Batteries Hybrid power, with Backup Generator pack	—	—	✓	✓
Off-Grid Solar Desert and isolated microgrids	—	—	✓	✓

Embedded batteries

By use case

Starter Battery	Engine start support with high cranking current
AutoBat™	Automotive, EV retrofit and embedded traction at medium to high voltages
Batteryfly™ Series	Aerospace, drones, eVTOL and helicopters

Datasheets on request

Detailed technical datasheets are available on request. Contact details are on the back cover.



Contact us

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DESIGNED IN FRANCE

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