

Prismatic cells

100 Ah, 314 Ah and 587 Ah highlights for packs, drones and energy-storage systems.

100 Ah

$\geq 6,000$ cycles

314 Ah

≥ 185 Wh/kg

587 Ah

$\geq 12,000$ cycles

- Regular range from 50 Ah to 314 Ah, plus the special 587 Ah cell.
- Applications: drones, LFP packs, telecom, residential and BESS.
- Certifications and safety testing vary by model.

- Technical guarantees exclusive to this line



KEY DATA

100 Ah	3.2 V ≥ 170 Wh/kg 49.9 x 160.8 x 119 mm
314 Ah	3.2 V ≥ 185 Wh/kg 71.7 x 173.8 x 207.2 mm
587 Ah	3.2 V 1,878 Wh dimensions not provided

Residential energy storage

Stackable systems, low-voltage rack and balcony solution currently on the waitlist.

5.12 kWh

per module

2-15

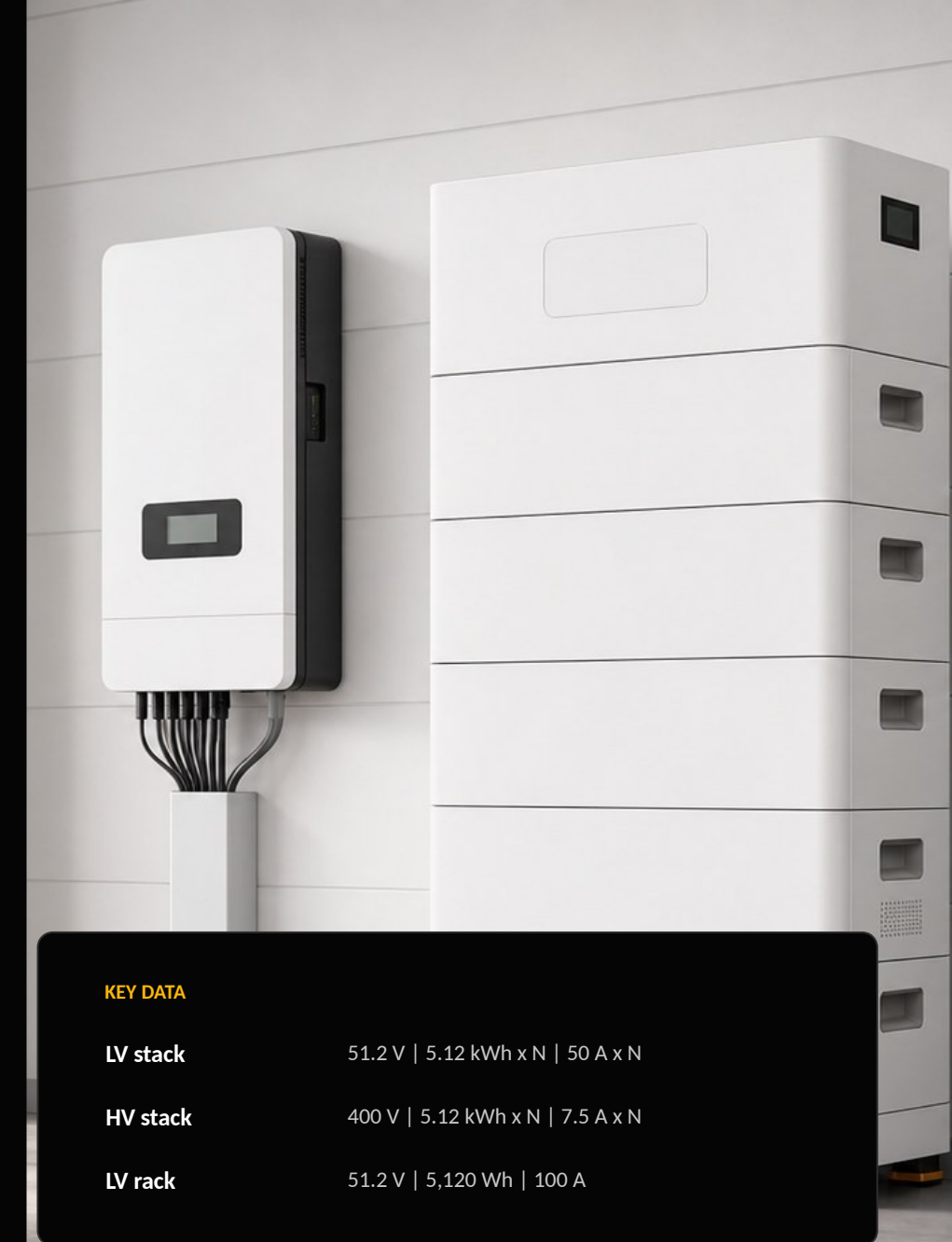
modules

< 20 ms

switchover

- Low- or high-voltage storage for self-consumption, backup and hybrid operation.
- Cloud control, OTA updates and remote diagnostics.
- Balcony line: IP65, Wi-Fi/BLE and 10-year warranty.

- Balcony system on waitlist



KEY DATA

LV stack	51.2 V 5.12 kWh x N 50 A x N
HV stack	400 V 5.12 kWh x N 7.5 A x N
LV rack	51.2 V 5,120 Wh 100 A

Light traction batteries

Complete portfolio for e-bikes, scooters, mopeds, motorcycles and electric tricycles.

15

configurations

36-72 V

range

7.8-100 Ah

capacities

- Bicycles: M11-12, M15, N17, M13-02, M11-09 and M11-13.
- E-bike/scooter: HL, HN, TN17. Moped/motorcycle: S01, S02 and HN.
- Tricycles: B18, B19 and B20. LFP, LMFP and ternary lithium.

- Supply for manufacturers and integrators



KEY DATA

Bicycles	48 V 12-30 Ah
Scooters	36-48 V 7.8-12 Ah
Motorcycles/ tricycles	60-72 V 23-100 Ah

Boyier

CRITICAL INFRASTRUCTURE

Telecom energy backup

3U LFP rack for operational continuity in telecom, IT and industrial environments.

5,120 Wh

energy

100 A

charge/discharge

3U

rack format

- Backup for stations, networks, IT rooms and data centers.
- Protection against over/undervoltage, current and temperature.
- Direct integration into existing rack infrastructure.

- Industrial supply

KEY DATA

Model	BP-T48100-3U
Electrical	51.2 V 100 Ah >=3,000 cycles
Mechanical	482 x 133 x 450 mm 45 kg

Boyier

NEW C&I CABINET

Commercial and industrial BESS

High-voltage LFP cabinet with 409.6 V, 50 Ah and 20.48 kWh for C&I system integration.

409.6 V

voltage

20.48 kWh

energy

128S1P

configuration

- High-voltage BMS with cell protection and balancing.
- For commercial, industrial, data-center and microgrid projects.
- CAN communication, natural cooling and IP20 cabinet.

• 409.6 V / 20.48 kWh



KEY DATA

DC range	358.4-460.8 Vdc
Current	50 A charge 100 A discharge
Mechanical	400 x 650 x 830 mm approx. 197 kg

BESS for photovoltaic plants

Cabinets and containers from 261 kWh to 6.25 MWh for generation, grid and high-demand operations.

261 kWh

cabinet

6.25 MWh

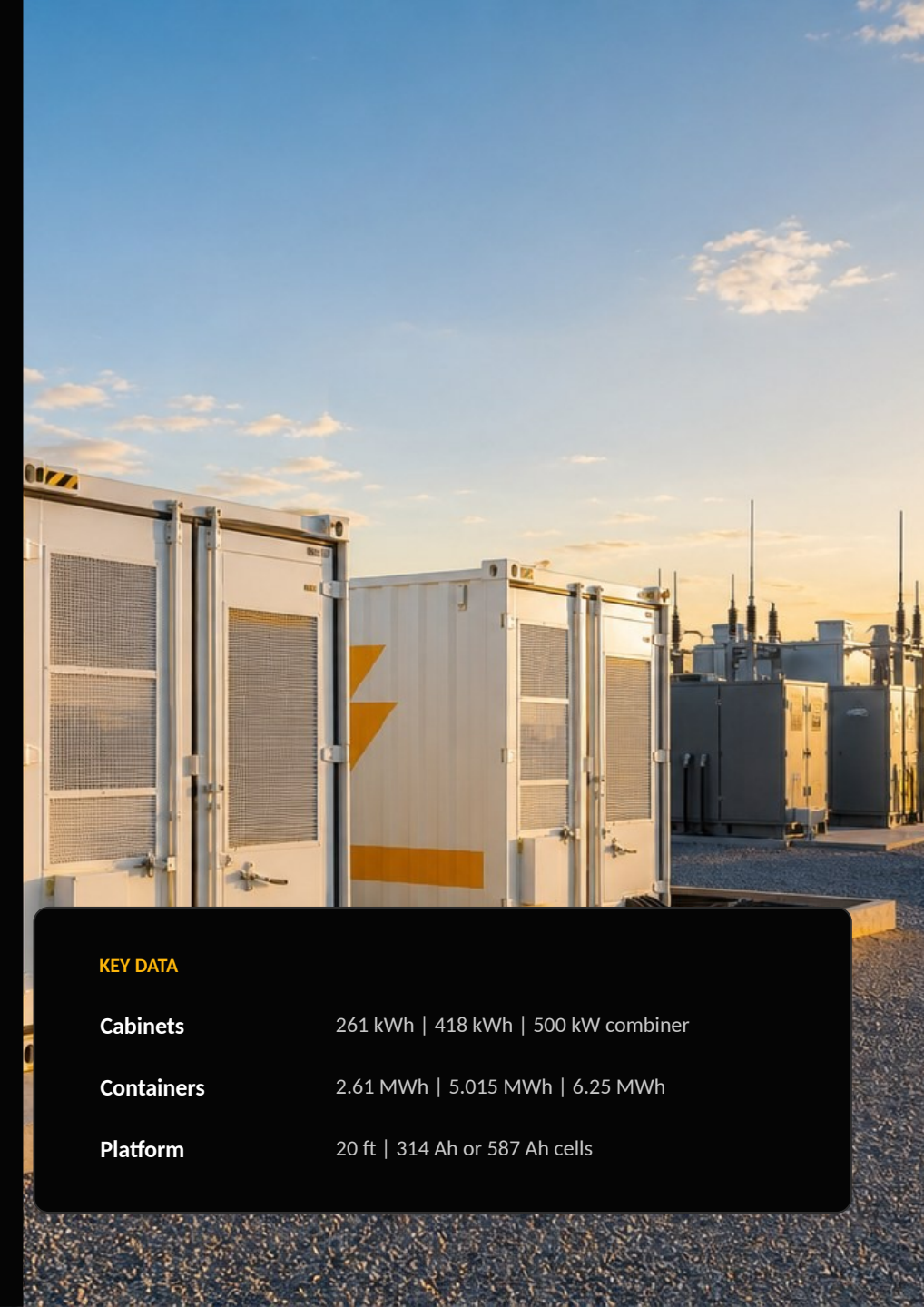
container

up to 93%

DC RTE

- Integrates renewables, stabilizes the grid and manages demand peaks.
- An ecological alternative to reduce or replace generator sets.
- Liquid cooling and layered fire safety.

- Ecological solution to reduce diesel



KEY DATA

Cabinets	261 kWh 418 kWh 500 kW combiner
Containers	2.61 MWh 5.015 MWh 6.25 MWh
Platform	20 ft 314 Ah or 587 Ah cells

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ESSLP-01F-01K

Portable energy storage

1,000 Wh and 1,000 W LFP station for field work, emergencies and mobile operations.

1,000 Wh

capacity

1,000 W

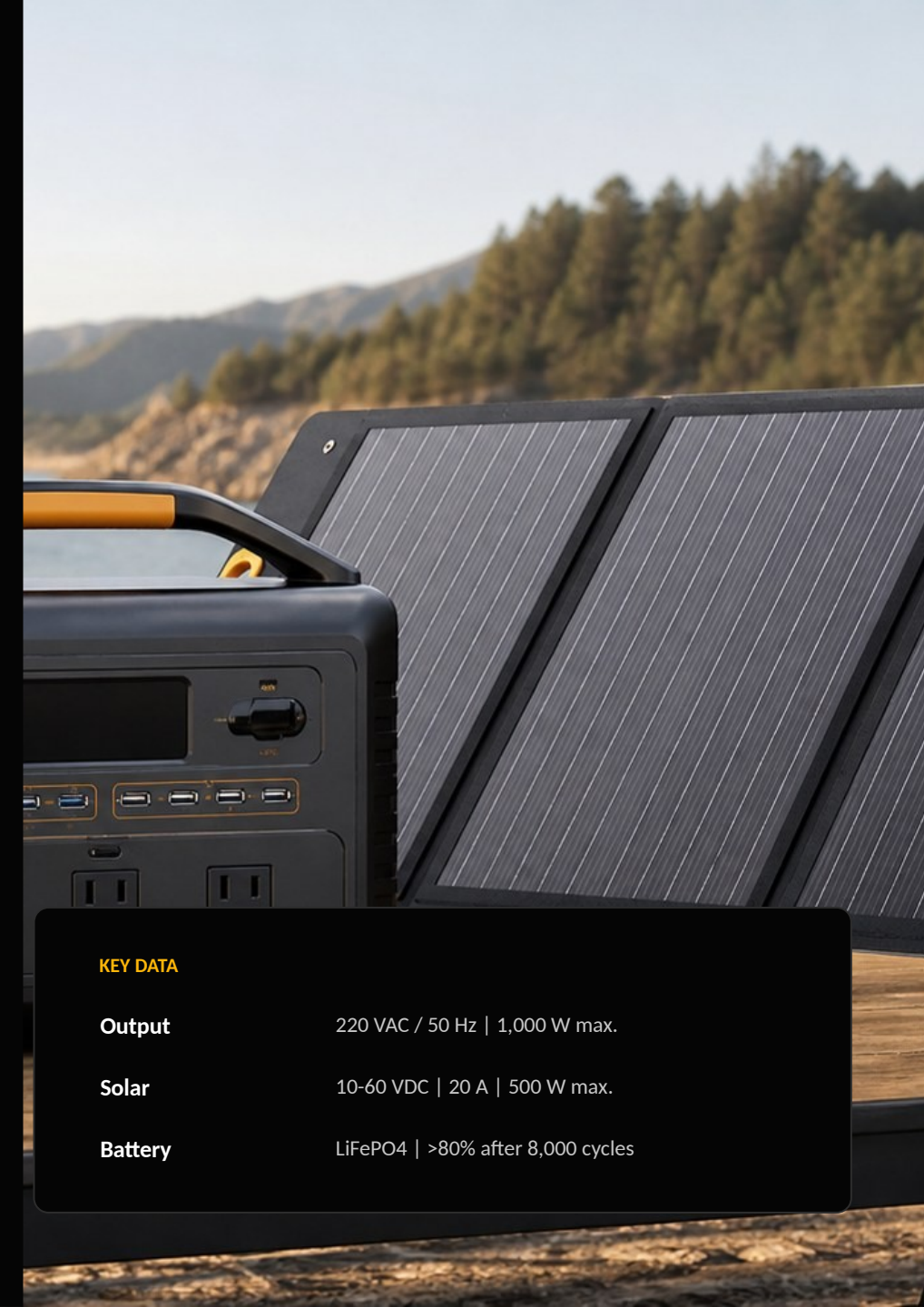
AC output

8.5 kg

weight

- Pure sine wave, USB-A, USB-C and integrated MPPT.
- Recharge from AC, vehicle or up to 500 W of solar input.
- Optional 200 W and 300 W folding solar panels.

• Mobile energy



KEY DATA

Output	220 VAC / 50 Hz 1,000 W max.
Solar	10-60 VDC 20 A 500 W max.
Battery	LiFePO4 >80% after 8,000 cycles