

COMMERCIAL & INDUSTRIAL

Agile 418

C&I outdoor storage cabinet

A 215 kW / 418 kWh outdoor LFP energy storage cabinet for small and medium-sized commercial and industrial sites.

215 kW

RATED POWER

418 kWh

RATED CAPACITY

≥94%

SYSTEM EFFICIENCY

≥6,000 cycles

CYCLE LIFE

Full specs: blazarenergy.io/products/agile-418



An integrated outdoor cabinet rated 215 kW / 418 kWh, built on lithium iron phosphate cells with BMS, thermal management and fire protection inside the enclosure. It supports a full discharge in 2 hours at a system efficiency of at least 94%, and several units can be paralleled for projects from 500 kWh to 2 MWh. It targets small and medium-sized factories, commercial buildings and charging stations, and can operate alongside PV, wind and diesel generation in microgrids.

KEY ADVANTAGES



Capacity and efficiency

418 kWh of storage with 100% discharge in 2 hours. A DC-side design reaches a system efficiency of at least 94%, reducing energy losses.



Modular, integrated cabinet

Outdoor cabinet with integrated BMS, temperature control and fire protection. Multiple units can be connected in parallel to cover projects from 500 kWh to 2 MWh, with room for later expansion.



Safety and service life

Lithium iron phosphate cells rated for at least 6,000 cycles, with an 8-year warranty. Three-level fire protection (aerosol, perfluorohexane and temperature-control linkage) complies with IEC 62619.

FEATURES

✓ Intelligent energy management

Coordinates with PV, wind and diesel generators for optimized microgrid scheduling. Four-quadrant operation switches between charge and discharge without delay.

✓ Grid services and compliance

Can take part in ancillary services such as demand response, frequency regulation and reserve capacity. Compliant with GB/T 36276 and IEC 62619.

✓ Remote operation

Remote management from mobile apps and PCs with one-click access to operating data, battery statistics and revenue reports, plus built-in predictive maintenance.

APPLICATIONS

High-power industrial sites

Residential complexes

Solar canopy EV charging

Commercial centers

Technical specifications

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SYSTEM

Model	DC-215/418
Rated power	215 kW
Rated capacity	418 kWh
System efficiency	≥94%

BATTERY

Battery type	Lithium iron phosphate (LFP)
Cycle life	≥6,000 cycles (80% capacity retention)
DC voltage range	1,500 V

ENVIRONMENT

Operating temperature	-25 °C to 50 °C
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MECHANICAL

Size	2,400 × 1,200 × 2,200 mm (customizable)
Weight	≈ 3.5 tons
Protection level	IP54 (outdoor dustproof and waterproof)

STANDARDS AND CERTIFICATIONS

IEC 62619

GB/T 36276

Specifications are based on manufacturer test data and may change without notice. Standards and certifications refer to the manufacturer's test reports, available on request. The final configuration, performance and warranty terms are confirmed in each project proposal.

Let's size the right system for your site.

Battery storage, solar and energy services across Israel, Europe and Latin America.

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