

COMMERCIAL & INDUSTRIAL

Swift 261

Hybrid energy storage cabinet

A 125 kW / 261 kWh outdoor cabinet that pairs a hybrid inverter with liquid-cooled LFP storage for solar sites.

125 kW

RATED POWER

261 kWh

BATTERY CAPACITY

≥6,000 cycles

CYCLE LIFE

Liquid

COOLING

Full specs: blazarenergy.io/products/swift-261



Swift 261 is a hybrid energy storage system in an integrated outdoor cabinet, combining a 125 kW high-voltage hybrid inverter with liquid-cooled lithium iron phosphate batteries. It schedules photovoltaic, battery and grid power together and accepts up to 240 kW of photovoltaic input. The cabinet is offered in 156 kWh, 209 kWh and 261 kWh versions, and up to 10 units can operate in parallel, grid-connected or off-grid.

KEY ADVANTAGES



Integrated solar and storage

A 125 kW high-voltage hybrid inverter schedules photovoltaic, battery and grid power together, with support for up to 240 kW of photovoltaic input to raise on-site solar self-consumption.



Liquid-cooled temperature control

Battery liquid cooling holds the cell temperature difference to ≤ 3 °C, and the system is rated for more than 6,000 cycles. It operates from -30 °C to 50 °C, with derating above 45 °C.



Modular expansion

A standard cabinet design supports up to 10 units in parallel for MWh-level system capacity, with plug-and-play installation and quick on-site commissioning.

FEATURES

- ✓ **Intelligent EMS control**
Energy management with a 7-inch touchscreen coordinates photovoltaic, battery and grid operation.
- ✓ **Safe and all-climate ready**
Certified battery with liquid cooling, dual fire suppression (Novec 1230 gas plus water-based extinguishing) and operation from -30 °C to 50 °C.
- ✓ **Modular and quick deployment**
Plug-and-play cabinets scale to MWh level with up to 10 units in parallel, in grid-connected or off-grid operation.

APPLICATIONS

Islands

Rural and remote areas

Farmlands

Off-grid sites

Technical specifications

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SYSTEM	
Battery capacity	156 kWh / 209 kWh / 261 kWh
Maximum number of parallel connections	10 units (grid-connected/off-grid)

BATTERY	
Battery type	Lithium iron phosphate (LFP)
Battery cell capacity	314 Ah
Battery pack configuration	1P156S / 1P208S / 1P260S
Rated voltage	499.2 V / 665.6 V / 832 V
Charge-discharge rate	0.5P
Cycle life	≥6,000 cycles (80% DoD)

THERMAL MANAGEMENT & SAFETY	
Cooling method	Liquid cooling
Fire protection system	Novec 1230 + water-based fire extinguishing system
Security configuration	Gas fire extinguishing + water fire extinguishing + ventilation + explosion-proof board

COMMUNICATION & CONTROL	
Communication interface	CAN / Ethernet / 485

ENVIRONMENT	
Operating temperature	-30 °C to 50 °C (derating above 45 °C)
Operating humidity	0-95% (no condensation)
Altitude	≤2,000 m
Protection level	IP67 (battery compartment) / IP54 (cabinet)
Corrosion resistance grade	C4 (C5 optional)

MECHANICAL	
Weight	<2.7 t
Dimensions (W × H × D)	≈989 × 2,471.5 × 1,465 mm

AVAILABLE CONFIGURATIONS

Parameter	156 kWh	209 kWh	261 kWh
Battery capacity	156 kWh	209 kWh	261 kWh
Battery pack configuration	1P156S	1P208S	1P260S
Rated voltage	499.2 V	665.6 V	832 V

STANDARDS AND CERTIFICATIONS

IEC 62619

IEC 63056

IEC 61000

IEC 62477-1

UN 38.3

IEC 60730

UL 9540A

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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