HISbatt 418L

Modular battery storage | HB-418L-210K-C05-I

Technical product information - revision 23 November 2026

Installed battery energy	418 kWh per cabinet
PCS options (three-phase AC)	800 V: 210 kVA | 690 V: 210 kVA | 400 V: 125 kVA
Battery cells / cooling	CALB 314 Ah LFP / liquid cooling
PCS position / cooling	Rear-mounted / forced-air cooling
Auxiliary supply (separate)	230 V AC single-phase per cabinet
Auxiliary maximum / protection	32 A maximum load / specified 40 A protection
Auxiliary average operating load	Up to 2.5 kW; not the connection design load
Battery enclosure W x D x H	1,350 x 1,900 x 2,400 mm
Rear PCS projection	Additional 400 mm; confirm final installation drawing
Maintenance clearance	At least 1 m; final layout and local requirements apply
Weight / enclosure protection	3,700 kg / IP55
Ambient operating range	-30 to +55 degrees C; operating conditions apply
Included scope	HIS EMS/controller and commissioning
Product / capacity warranty	5 years / 10 years, subject to applicable warranty terms
Indicative delivery time	20-25 weeks; binding schedule in project quotation

Planning and integration

Cabinets can be combined in parallel. System quantity, expansion, switchgear, transformer capacity, auxiliary distribution and EMS communications are engineered for the site. Installed energy is not usable AC energy. kVA denotes apparent power; available active power depends on the operating point, reactive-power requirements and system limits.

Separate single-phase auxiliary circuits must be coordinated across the installation. The average operating demand does not replace circuit sizing for the maximum load. Grid-compliance documents are supplied for the selected voltage variant and project country; connection approval remains project-specific.

For larger integrated installations, compare with HISbatt PowerPack 800V, which includes an 800-to-400 V auxiliary transformer. Civil works, site wiring and grid connection scope are defined in the quotation.

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