DISCOVER ENERGY SYSTEMS

LYNK CLOUD REMOTE MONITORING

AES CABINET HYBRID INVERTER INTEGRATION

Compatible with SOLIS 29.9K to 50K Inverters

High-Voltage Energy Storage Made Easy for Commercial and Industrial Applications.

Discover's AES CAB-106, CAB-160, and AES 210HV battery cabinets pair seamlessly with the Solis S6-EH3P(29.9-50)K-H-AU hybrid-inverter series, offering a simple, scalable, and proven energy storage solution for commercial and industrial applications. Whether you're reducing demand charges, maximising solar self-consumption, or adding reliable backup, this system is ready.



Plug-and-Play Integration

Voltage Match. The nominal voltages of the CAB-106 (332 VDC), CAB-160 (499 VDC), and AES 210HV (665 VDC) align with Solis's 150–800 VDC battery range.

Dual Battery Terminals. Connect directly to both Solis battery ports using the cabinet's internal fused DC distribution.

Managed (closed-loop) control. Built-in LYNK II Gateway enables real-time CANBus communication with Solis BMS1/BMS2.

Black-start capable. Black-start capable, with event logging, SoC reporting, and full inverter coordination.

Multi-unit Residential Buildings

EV Charging Stations

Supermarkets & Retails Shops

Banks, Hospitals & Schools

Industrial Sites

13711 International Pl Unit 320, Richmond, BC, V6V 2Z8, Canada

+ 1.604.242.0350

info@discoverenergysys.com

discoverenergysys.com

BUILT FOR EASY INTEGRATION AND FLEXIBLE GROWTH

Solis Inverters	CAB-106	Rated Output	Usable Energy	Estimated Autonomy
1 x 29.9K (400 V)	1 x CAB-106	29.9 kW	104 kWh	~3.5 hours
1 x 30K (400 V)	1 x CAB-106	30 kW	104 kWh	~3.5 hours
1 x 40K (400 V)	1 x CAB-106	40 kW	104 kWh	~2.5 hours
1x 50K (400 V)	1 x CAB-106	50 kW	104 kWh	~2 hours
1x 50K (400 V)	2 x CAB-106	50 kW	208 kWh	~4.1 hours
Note: *Each CAB-106 operates independently – no DC bus paralleling. Inverters are paralleled on the AC bus as specified in the Solis AU installation guide.*				

Solis Inverters	CAB-160	Rated Output	Usable Energy	Estimated Autonomy
1 x 29.9K (400 V)	1 x CAB-160	29.9 kW	157 kWh	~5¼ hours
1 x 30K (400 V)	1 x CAB-160	30 kW	157 kWh	~5¼ hours
1 x 40K (400 V)	1 x CAB-160	40 kW	157 kWh	~3.9 hours
1x 50K (400 V)	1 x CAB-160	50 kW	157 kWh	~3 hours
1x 50K (400 V)	2 x CAB-160	50 kW	314 kWh	~6¼ hours
Note: *Each CAB-160 operates independently – no DC bus paralleling. Inverters are paralleled on the AC bus as specified in the Solis AU installation guide.*				

Solis Inverters	AES 210HV	Rated Output	Usable Energy	Estimated Autonomy
1 x 29.9K (400 V)	1 x AES 210HV	29.9 kW	209 kWh	~7 hours
1 x 30K (400 V)	1 x AES 210HV	30 kW	209 kWh	~7 hours
1 x 40K (400 V)	1 x AES 210HV	40 kW	209 kWh	~5 hours
1x 50K (400 V)	1 x AES 210HV	50 kW	209 kWh	~4 hours
1x 50K (400 V)	2 x AES 210HV	50 kW	418 kWh	~8 hours
Note: *Each AES 210HV cabinet operates independently – no DC bus paralleling. Inverters are paralleled on the AC bus as specified in the Solis AU installation guide.*				

Scalable. From 200 kWh to 4 MWh of usable energy.

Pre-assembled and factory tested. Reduced installation time and on-site labour costs.

Compatible. With all models (29.9K to 50K) of Solis HV Hybrid Inverters.

Efficient. Liquid Cooled and temperature managed battery cells.

Year-round operation. All climate operation. Outdoor-rated (IP55 equivalent to NEMA 3R)

Optimised. Multi-tiered Battery Management System.

Managed. 24/7 Monitoring and Alerts.

Certified. UL1973, UL9540A, UL9540 DC ESS, CEC listing pending.

Safe. Heat and Smoke Detection, Ventilation, Dehumidifier, Fire Suppression, Flood Sensor.

Remote Monitoring and Control. Real-time monitoring via LYNK Cloud or local diagnostics using LYNK Access PC software.

13711 International Pl Unit 320,
Richmond, BC, V6V 2Z8, Canada

+ 1.604.242.0350

info@discoverenergysys.com

discoverenergysys.com