DISCOVER ENERGY SYSTEMS

LYNK CLOUD REMOTE MONITORING

AES CABINET HYBRID INVERTER INTEGRATION

Compatible with SOLIS 30-60kW Inverters

High-Voltage Storage Made Easy for Commercial and Industrial Projects.

Discover's AES 106HV, 160HV, and 210HV battery cabinets pair seamlessly with the Solis S6-EH3P (30-60kW) hybrid-inverter series, offering a simple, scalable, and proven energy storage solution for commercial and industrial applications. Whether you're reducing demand charges, optimizing solar, or adding resilient backup, this combo is ready to deploy.



Plug-and-Play Integration

Voltage Match. The nominal voltages of the AES-106HV (332 VDC), AES-160HV (499 VDC), and AES-210HV (665 VDC) aligns 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.

Closed-loop control. LYNK II Gateway (required accessory) enables real-time CANBus communication with Solis BMS1/BMS2.

Supports black start. Supports black start, event logging, SoC reporting, and full inverter coordination.

Multifamily Dwellings

Charging Stations

Grocery & Convenience Stores

Banks, Hospitals & Schools

Industrial Sites

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Cabinet (Part #)	Nominal Energy Capacity	Usable Energy Capacity	Battery Max. Continuous Power	System Nominal Voltage	Charging Voltage Range	Voltage Limits	Nominal Cell Capacity	Usable Cell Capacity	Max. Cont. Current
AES-106HV *(CAB-106)*	106kWh	104kWh	52kW	332.8V	310 - 360V	292 - 369V	320Ah	314Ah	157 A(C/2)
AES-160HV *(CAB-160)*	160kWh	157kWh	79kW	499.2V	465 - 540V	437 - 553V			
AES-210HV *(CAB-210)*	212kWh	209kWh	104kW	665.6 V	620 - 720V	583 - 738V			

CABINET & SOLIS S6-EH3P 30K CONFIGURATION



Solis Inverters	Configuration (Inverter : Cabinet)	AES-106HV	AES-160HV	AES-210HV
		AC Output | Usable Storage | Estimated Runtime		
30K (208V)	1 : 1	30kW | 104kWh | 3.5HR	30kW | 157 kWh | 5HR	30kW | 209kWh | 7HR
30K (480V)	1 : 1	30kW | 104kWh | 3HR	30kW | 157kWh | 5HR	30kW | 209kWh | 7HR

CABINET & SOLIS S6-EH3P (40K, 50 & 60K) CONFIGURATION



Solis Inverters	Configuration (Inverter : Cabinet)	AES-106HV	AES-160HV	AES-210HV
		AC Output | Usable Storage | Estimated Runtime		
40K (480V)	1 : 1	40kW | 104kWh | 2.5HR	40kW | 157 kWh | 4HR	40kW | 209kWh | 5HR
	1 : 2	40kW | 208kWh | 5HR	40kW | 314kWh | 7.5HR	40kW | 418kWh | 10.5HR
50K (480V)	1 : 1	50kW | 104kWh | 2HR	50kW | 157 kWh | 3HR	50kW | 209kWh | 4HR
	1 : 2	50kW | 208kWh | 4HR	50kW | 314kWh | 6HR	50kW | 418kWh | 8HR
60K (480V)	1 : 1	Up to 52kW* | 104kWh | 2HR	60kW | 157 kWh | 2.5HR	60kW | 209kWh | 3.5HR
	1 : 2	60kW | 208kWh | 3.5HR	60kW | 314kWh | 5HR	60kW | 418kWh | 7HR