



# AES CABINET

# HYBRID INVERTER INTEGRATION

## Compatible with SOLIS 30-60kW Inverters

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

Discover's AES CAB-106, CAB-160, and CAB-210 (AES 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 CAB-106 (332 VDC), CAB-160 (499 VDC), and CAB-210 (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



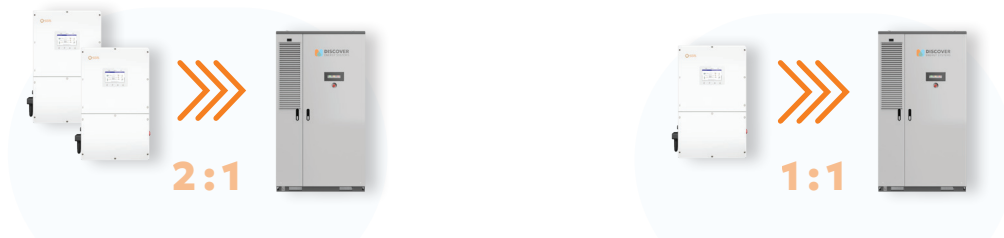
Banks, Hospitals  
& Schools



Industrial  
Sites

Cabinet	Nominal Energy Capacity	Usable Energy Capacity	Battery Max. Continuous Power	System Nominal Voltage	System Operating Voltage	Nominal Cell Capacity	Usable Cell Capacity	Max. Continuous Current
CAB-106	106kWh	104kWh	52kW	332.8V	312 - 358.8V	320Ah	314Ah	157 A(C/2)
CAB-160	160kWh	157kWh	79kW	499.2V	468 - 538.2V			
CAB-210	212kWh	209kWh	104kW	665.6 V	624 - 717.6V			

## CABINET & SOLIS S6-EH3P 30K CONFIGURATION



Solis Inverters	Configuration (Inverter : Cabinet)	CAB-106	CAB-160	CAB-210
		AC Output   Usable Storage   Estimated Runtime		
30K (208V)	2 : 1	Up to 52kW*   104kWh   2HR	60kW   157 kWh   2.5HR	60kW   209kWh   3.5HR
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

\* Battery limited.

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



Solis Inverters	Configuration (Inverter : Cabinet)	CAB-106	CAB-160	CAB-210
		AC Output   Usable Storage   Estimated Runtime		
40K (480V)	2 : 1	Up to 52kW*   104kWh   2HR	Up to 78kW*   157kWh   2HR	80kW   209kWh   2.5HR
	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)	2 : 1	Up to 52kW*   104kWh   2HR	Up to 78kW*   157kWh   2HR	100kW   209kWh   2HR
	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)	2 : 1	Up to 52kW*   104kWh   2HR	Up to 78kW*   157kWh   2HR	Up to 104kW*   209kWh   2HR
	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

\* Battery limited.