



HELIOS

Energy Storage System

A powerful lithium energy storage system for off-grid solar and whole home backup power.

POWERFUL PERFORMANCE

- 10 kW continuous, up to 19 kW peak power (10 sec), with 93 MWh lifetime energy throughput.
- Up to 36 modules (579.6 kWh) in parallel with closed-loop communication.
- 10-Year Warranty, plus Energy Performance Guarantee.

OUTDOOR DESIGN

- IP65-rated, weather-resistant enclosure for reliable outdoor performance, with an operating temperature between -25°C (-13°F) to 55°C (131°F).
- Built-in self-heating system operates automatically from -25°C (-13°F) to 8°C (46.4°F), ensuring reliable performance and faster warm-up in cold environments.

ADVANCED SAFETY

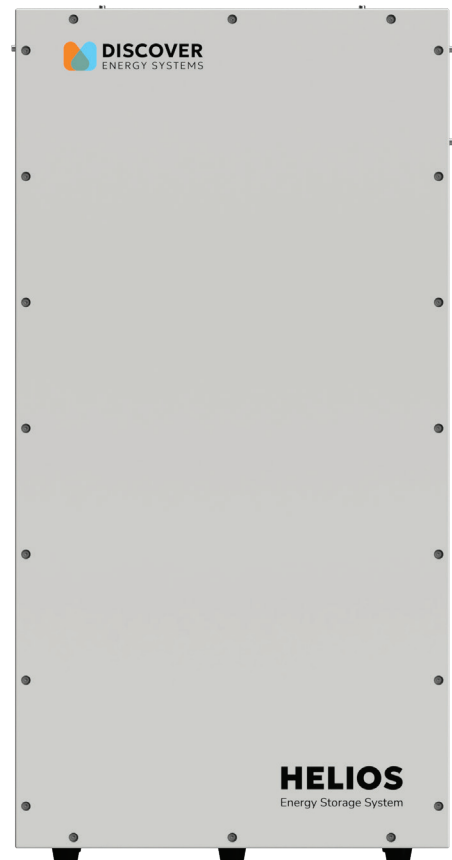
- Dual fire arrestors and emergency stop for Rapid Shut-down (RSD) integration.
- Comprehensive over voltage, over current, and thermal protection.

EFFORTLESS INTEGRATION

- Compatible with low voltage inverter-chargers and solar charge controllers.
- CAN-based communication with inverter-chargers.
- Enhanced communication and remote monitoring using LYNK II Gateway.

CERTIFIED

- UL 1973, UL 9540A, UL 9540 DC ESS 3rd Edition



52-48-16000 HELIOS ESS BATTERY MODULE

16kWh / 314Ah / 51.2V

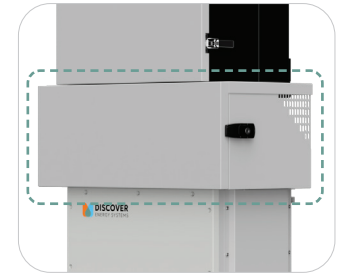
- 10k W continuous, 26 kW peak power (10 sec), with 94.4 MWh lifetime energy throughput.
- Up to 36 modules (579.6 kWh) in parallel with Closed-loop communication.
- 10-Year Warranty, plus Energy Performance Guarantee.



950-0067 - SOL-ARK 15K CONDUIT BOX

NO CABLES

- Designed for seamless integration of the HELIOS ESS with Sol-Ark 15K inverters.
- Provides clean, secure cable management and enhanced installation safety.



950-0068 - PARALLEL BATTERY TO BATTERY CABLE SET

1.35M

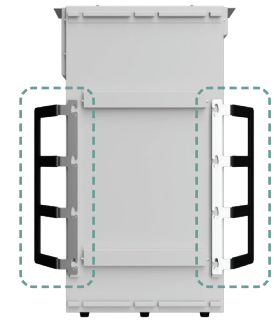
- 1x CAT6 communication cable, 1x positive and 1x negative 2/0 gauge power cables (1.35m).
- Allows parallel connection of two HELIOS ESS batteries; up to three batteries can be connected using this method. Additional batteries require an external busbar.



950-0069 - BATTERY MODULE LIFT HANDLE SET

LEFT AND RIGHT

- Heavy-duty, ergonomic handles designed for safe and efficient lifting of HELIOS ESS modules.
- Includes both left and right handles for balanced handling during installation.



950-0070 - BATTERY TO INVERTER CABLE SET

1.0M, 2/0 AWG

- 2x positive and 2x negative 2/0 gauge cables (1.0m) for battery-to-inverter connections.
- High-current capacity cables for optimal power transfer and system performance.



950-0071 - BATTERY TO INVERTER CABLE SET

1.0M, 1/0 AWG

- 2x positive and 2x negative 1/0 gauge cables (1.0m) for battery-to-inverter connections.
- Provides flexibility for systems requiring lower gauge cable configurations.



950-0072 - BATTERY CONNECTOR SET

1 POSITIVE, 1 NEGATIVE

- Positive and negative battery connectors for custom cable fabrication when lengths provided are insufficient.



950-0025 - LYNK II GATEWAY

- Enables closed-loop communication with Schneider, SMA and other hybrid inverter-chargers.
- Required for integration with LYNK Cloud for remote monitoring.
- Needed to control external devices such as generators and HVAC.

