



# LYNK II

## Communication Gateway



### For Discover Helios ESS and AES LiFePO<sub>4</sub> Solar Stationary Batteries

LYNK II Communication Gateway aggregates and displays in real-time the State of Charge for Discover HELIOS ESS and AES LiFePO<sub>4</sub> batteries. Unlock the full potential of these lithium batteries by enabling them to optimize the charging configurations of hybrid inverter-chargers and solar charge controllers.

Turn a good solar system into a great one with up to 25% improvement in 0% to 100% SoC recharge time. Remotely monitor SoC and data log multiple sites using the data monitoring services offered by inverter systems.

**REAL-TIME DATA**

State of Charge (SoC), voltage, temperature and battery status is communicated in real time to hybrid inverter-charger.

**FASTER CHARGING**

Up to 25% faster 0% to 100% SoC charging with dynamic charge management.

**REMOTE MONITORING**

Remotely monitor the aggregate SoC for a string of batteries, and data log sites using the data monitoring services offered by hybrid inverter systems.

**FULL COMPATIBILITY**

Battery related settings are automatically programmed for multiple brands of hybrid inverter-chargers and solar charge controllers.

**STATUS VIEW**

At-a-glance SoC LEDs, communication status LED.

**MAXIMIZE THE BATTERY**

Internal cell balancing is optimized, enabling the highest usable capacity and true 100% depth of discharge over the entire life of the battery.

**PROGRAMMABLE RELAYS**

Trigger relays using battery SoC and DC current to control external devices such as generators and HVAC.

**SIMPLE SERVICE**

Download data logs, upload battery firmware, and more.

# UNLOCK THE FULL POTENTIAL OF DISCOVER HELIOS ESS AND AES LiFePO<sub>4</sub> SOLAR BATTERIES.

## SPECIFICATIONS

DEVICE	LYNK II COMMUNICATION GATEWAY
Part Number	950-0025
L x W x H	120 x 135 x 44 mm / 4.7 x 5.4 x 1.7 in
Weight	0.3 kg / 0.7 lb
IP Rating	IP20 (Indoor Use Only)
Temperature	Operating: -20°C to 50°C (-4°F to 122°F) / Storage: -40°C to 85°C (-40°F to 185°F)
Humidity	Operating: < 95%, Non-condensing / Storage: < 95%
Mounting	Built-in Surface / Flush Mount Bracket
Display LEDs	5 x State of Charge LEDs, 1 x LYNK Port Connection LED, 1 x Memory Status LED, 1 x CAN out LED
COMMUNICATION PORTS	
LYNK Ports	RJ45, IEC (M12 -5 PIN)
Memory	SD Memory Card
CAN Out	RJ45, Phoenix
RELAYS	
Programmable	Phoenix (10A - NO, COMM / 5A - NO, NC COMM / 5A - NO, COMM) *
DATA INTERFACE	
USB Device	Type-B Mini
POWER INPUT NOMINAL	
LYNK Port	12 V
Phoenix	12 - 48 V
USB Device	5 V
STANDARDS	
Marking	CE
COMPATIBLE BATTERIES	
AES LiFePO <sub>4</sub>	7.4 kWh 48V (42-48-6650), 3.0 kWh 48V (44-48-3000), 2.8 kWh 24V (44-24-2800)
HELIOS ESS	1.5 kWh 48V (46-48-1540), 1.5 kWh 24V (46-24-1540)



### LYNK ACCESS - Windows 64 bit

Download from [discoverbattery.com](http://discoverbattery.com)

- Configure LYNK II for Solar Devices
- Monitor System
- Program Relays \*
- Battery Diagnostics
- Upload Battery Firmware
- Download Battery Data

### ACCESSORIES - LITHIUM PRO

- 950-0035 COMM Cable (0.4 m / 15.75 in)
- 950-0036 COMM Cable (1.8 m / 70.87 in)
- 950-0037 COMM Cable (7.6 m / 299.25 in)
- 950-0038 COMM T Connector with COMM Cable (0.4 m / 15.75 in)
- 950-0041 COMM T Connector

## ADVANCED INTEGRATION – FASTER CHARGING

Unlock the full potential of Discover HELIOS ESS and AES LiFePO<sub>4</sub> Solar batteries by enabling the BMS to optimize and dynamically manage the charge and discharge configurations of the world's best hybrid inverter-chargers and solar charge controllers. Remotely monitor the aggregate SoC for a string of batteries and data log multiple sites using the data monitoring services offered by multiple brands of hybrid inverter systems.

## AVAILABLE DEVICE CONFIGURATIONS

Download from [discoverbattery.com](http://discoverbattery.com)

- Schneider Electric - Xanbus Devices
- Schneider Electric - XW Pro
- Victron Energy - Color Control GX, Venus GX, VE.CAN Devices
- Studer Innotec - Xcom-CAN Devices
- Sol-Ark - 8K Hybrid, 12K Hybrid
- SMA Sunny Island - 4.4M, 6.0H, 8.0H, 4548-US, 6048-US
- Outback Energy - Skybox \*
- Others \* Pending

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