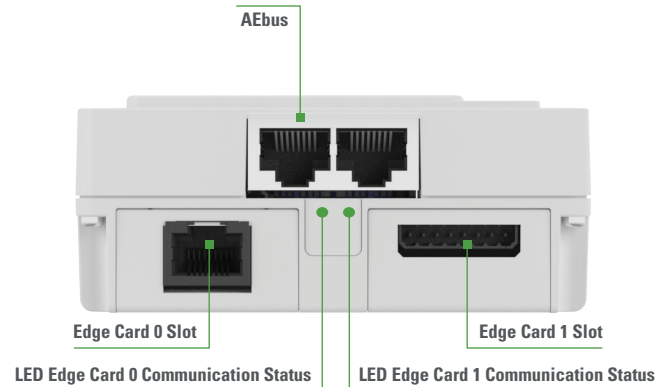


LYNK Communication Gateway



State of Charge for Discover AES LiFePO₄ Battery

LYNK Communication Gateway aggregates and displays in real time the State of Charge for Discover AES LiFePO₄ batteries.

Unlock the full potential of a Discover AES LiFePO₄ Battery by enabling the internal Battery Management System (BMS) to optimize and dynamically manage the charge and discharge configurations of the world's best off-grid inverter chargers and solar charge controllers. Turn a good system into a great one with up to 25% improvement in 0% to 100% SoC recharge time.*

Remotely monitor the aggregate SoC for a string of AES LiFePO₄ batteries and data log multiple sites using the data monitoring services offered by multiple brands of off-grid inverter systems.

BENEFITS AND FEATURES

Real Time State of Charge

AES Battery State of Charge (SoC) is displayed in real time by multiple brands of off-grid inverters. LED segments on LYNK device provide additional at a glance reference.

Remotely Monitor State of Charge

Remotely monitor the aggregate SoC for a string of AES batteries and data log sites using the data monitoring services offered by multiple brands of off-grid inverters.

Full Compatibility

AES Battery charge settings are automatically sent and programed to multiple brands of off-grid inverter chargers and solar charge controllers.

Faster Charging

Up to 25% faster charging with dynamic SoC communication between AES Battery and power conversion system.*

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.

TECHNICAL SPECIFICATIONS

DEVICE NAME	LYNK Communication Gateway
Part Number	950-0015
COMMUNICATION INTERFACE	
AEbus	Connector: 1x RJ45 Supported Products: Up to 20 AEbus enabled Discover AES LiFePO ₄ Batteries
Ethernet	Future functionality
Edge Card Slot x 2	Connector: Inverter Charger and Solar Charge Controller Specific Protocol: Inverter Charger and Solar Charge Controller Specific (RS232, RS485, CAN)
DATA INTERFACE	
USB 2.0 Host	Connector: USB-A Protocols: Mass Storage Device (firmware upgrade, configuration, data download)
POWER SUPPLY (INCLUDED)	
DC Output	12V DC 500 mA Max: RJ45 (AEbus)
DC Input	16 - 60V DC 375 mA Max: (+) Red, (-) Black

GENERAL SPECIFICATIONS

Weight	110 g
Dimensions (L x W x H)	95 x 50.5 x 40 mm (3.7 x 2.0 x 1.6 in)
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)
Mounting	Included: Wall mount faceplate, surface mount bracket Optional: DIN Rail 35 mm
Display Status LED	10 x State of Charge LEDs, 1 x AEbus connection LED, 1 x USB Status LED
Humidity	Operating: < 95%, non-condensing / storage: < 95%
FEATURES	
Firmware	Update over local USB port.
Edge Card Slots	Two Slots, (one edge card per brand of compatible power conversion devices required)
Internal Memory	1 Gb flash

Specifications subject to change without notice.

AVAILABLE LYNK EDGE CARDS

Victron Energy

Part # 950-0016-VCTRN
Slot 0, Connector RJ45

Schneider Electric - Xanbus

Part # 950-0016-XNBS
Slot 0, Connector RJ45

Sol-Ark

Part # 950-0016-SLRK
Slot 0, Connector RJ45

SMA

Part # 950-0016-SMA
Slot 0, Connector RJ45

Schneider Electric - Gateway

Part # 950-0016-SEGW
Slot 0, Connector RJ45

Outback Power - Skybox

Part # 950-0016-OBS
Slot 0, Connector RJ45

Studer Innotec

Part # 950-0016-STDR
Slot 0, Connector RJ45

COMPATIBILITY

Discover AES LiFePO₄ Battery
42-48-6650, 44-24-2800, 44-48-3000

Victron Energy

Color Control GX, Venus GX and VE.CAN enabled devices

SMA

Sunny Island 4.4M, 6.0H, 8.0H,
4548-US, 6048-US

Studer Innotec

Xcom-CAN compatible devices

Schneider Electric

Xanbus and Gateway enabled devices

Outback Power

Skybox

Sol-Ark

Hybrid All-In-One