Discover®

LYNK II

Communication Gateway

## FOR LITHIUM PROFESSIONAL AND AES LiFePO₄ MOBILE & MOTIVE BATTERIES

LYNK II Communication Gateway aggregates and displays in real-time the State of Charge for LITHIUM Professional and AES LiFePO₄ batteries. Unlock the full potential of these lithium batteries by integrating them with inverter-chargers, on and off-board chargers, displays, load centers, motor controls, PLCs, and telematics to optimize system performance.

Improve system integration using multiple communication interfaces and CAN-based protocols. LYNK ACCESS Software for LYNK II includes device programming, remote access, battery digital signal simulation, and data analysis to reduce development time and effort.

⟳	**REAL-TIME DATA**	State of Charge (SoC), voltage, temperature and battery status is communicated in real time to on-board devices.
🔌	**FASTER CHARGING**	Up to 25% faster 0% to 100% SoC charging with dynamic charge management.
🔗	**COMMUNICATION**	Configurable - CANopen, Serial CAN, J1939, RV-C*, NMEA 2000*
	FULL COMPATIBILITY	Battery related settings are automatically programmed for multiple brands of industrial chargers.
💡	**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 battery current to control external devices.
🔧	**SIMPLE SERVICE**	Download data logs, upload battery firmware, and more.

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UNLOCK THE FULL POTENTIAL OF DISCOVER LITHIUM PROFESSIONAL AND AES LiFePO$_4$ 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 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$_4$	57 Ah 48 V (14-48-3000), 76 Ah 36 V (14-36-3000)
LITHIUM PROFESSIONAL	30 Ah 48 V (DLP-GC2-48V), 30 Ah 36 V (DLP-GC2-36V), 60 Ah 24 V (DLP-GC2-24V), 120 Ah 12 V (DLP-GC2-12V)

PRELIMINARY

LYNK ACCESS - Windows 64 bit

Download from discoverbattery.com

- Configure LYNK II for Motive Devices
- Monitor System
- Battery Diagnostics
- Program Relays *
- 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

Turn a good system into a great one with ultra-fast charging, real-time status, predictive equipment control and diagnostics.

- SoC Display
- Auto Programing of Charge Parameters
- Configurable COMMs
- SD Card Memory
- USB Device
- Programmable Relays*
- Download Battery Data
- Upload Battery Firmware

AVAILABLE DEVICE CONFIGURATIONS

Download from discoverbattery.com

- Serial CAN
- CANopen
- RV-C *
- NMEA 2000 *
- Victron Energy - Color Control GX, Venus GX, VE.CAN Devices
- SPE Chargers
- CAN Devices
- Others

Pending