DISCOVER
ENERGY SYSTEMS

DISCOVER
ENERGY SYSTEMS

100%

RESET
LYNK PORT
MEMORY

LYNK PORT
LYNK PORT
SD CARD
ETHERNET

12-PIN PORT
CAN
USB

LYNK II

discoverlithium.com

FOR AES PROFESSIONAL AND AES LiFePO$_4$ MOBILE & MOTIVE BATTERIES

LYNK II Communication Gateway aggregates and displays in real-time the State of Charge for AES PROFESSIONAL and AES LiFePO$_4$ 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, firmware uploads, 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, Others
	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.

#7 -13511 Crestwood Place, Richmond, BC, V6V 2E9, Canada

discoverlithium.com

+ 1.778.776.3288   info@discoverlithium.com

UNLOCK THE FULL POTENTIAL OF DISCOVER AES 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 (5A - NO, NC / 5A - NO, COMM / COMM 5A - NO, COMM)
DATA INTERFACE	
USB Device	Type-B Mini
POWER INPUT NOMINAL	
LYNK Port	12 V
Phoenix	13 - 90 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)
AES 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)

LYNK ACCESS - Windows 64 bit

Download from discoverlithium.com

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

ACCESSORIES - AES PROFESSIONAL

- 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 COMM
- SD Card Memory
- USB Device
- Programmable Relays
- Download Battery Data
- Upload Battery Firmware

AVAILABLE DEVICE CONFIGURATIONS

Download from discoverlithium.com

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

#7 -13511 Crestwood Place, Richmond, BC, V6V 2E9, Canada

discoverlithium.com

+ 1.778.776.3288   info@discoverlithium.com