


SOL-ARK Communication Integration – Outdoor-Rated Units

CSB Number	855-0010 Rev A
Date	MAR 22 2022

URGENCY

 **HIGH:**
Action immediately

 **MEDIUM:**
Action by next possible occasion

 **LOW:**
Action if necessary

 **GENERAL:**
General Information

PRODUCTS AFFECTED

- LYNK Solar Communication Gateway (950-0015) with LYNK Edge Card for Sol-Ark (950-0016-SLRK).
- LYNK II Communication Gateway (950-0025).

SYMPTOM OBSERVED

The RJ45 battery communication port on outdoor-rated Sol-Ark inverters have a different pin assignment configuration than indoor-rated Sol-Ark inverters and LYNK CAN Out RJ45 ports.

POSSIBLE CAUSE

Sol-Ark design variation.

FIELD CORRECTIVE ACTIONS

Reference Sol-Ark document *Battery Communications Integration Guide (v2.1 and newer)*.

- LYNK Solar Communication Gateway (950-0015) with Sol-Ark Edge Card (950-0016-SLRK):
For outdoor-rated units only, create a custom RJ45 cable that connects pins 4 (solid blue) and 5 (white-blue) through to the same pins on the inverter and connects pin 2 (solid orange) on the LYNK side to pin six (6) on the inverter.
- LYNK II Communication Gateway (950-0025):
CAN Out RJ45 Header Assignments can be configured as detailed in the *LYNK II Installation and Operating Manual (805-0033 REV C and newer)*.

Sol-Ark 5K / 8K / 12K (Outdoor)

CAN Out	Header Jumper	RJ45 PIN
CAN L	H2 - 5-7	5
CAN H	H3 - 8-10	4
CAN GND	H2 - 2-4	6

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