

Editorial Contact:
The Simon Group, Inc.
Joanna Puglisi-Barley
Phone: (215) 453-8700
E-mail: publicrelations@simongroup.com
Reference # APL-A-5342



Enhanced Connection System from Amphenol Features Quick Lock and Press-to-Release Design

ePower-Lite Mini, rated to 30 A, is a low-cost alternative for EV customers

Technical Specifications

- Secondary locking design
- Rated to 30A
- Operating voltage of 600V AC / 800V DC
- 2-pole connector features HVIL and EMI shielding for safety and performance
- UL 94V-0 flammability rating
- IP67 rating when mated
- Minimum of 100 mating cycles

Endicott, NY June 2022 – Amphenol Industrial Operations, a global leader in interconnect systems, has enhanced its ePower-Lite line to include a 2-pole [mini ePower-Lite connector](#) with a secondary locking design that is rated to 30 A. This connector was created as a low-cost alternative for EV customers.

Designed for use in electric vehicles, hybrid cars and heavy equipment/forklifts, as well as by PDU, MCU and OBC manufacturers, the ePower-Lite Mini has an operating voltage of 600V AC / 800V DC. Specific applications include, the PTC (positive temperature coefficient), PDU (power distribution unit), MCU (motor control unit), battery packs and Battery charging.

These robust connectors feature a lightweight plastic shell and compact design to provide weight and space savings in vehicle design. They also include HVIL and EMI shielding for safety and performance.

The connectors are touch-proof and feature a straight version plug for easy mating, as well as a 4 key/keyway design to prevent incorrect mating. The ePower-Lite Mini can be mated at least 100 times.

This connector series has a UL 94V-0 flammability rating, an IP67 rating when mated, and an operating temperature range from -40°C to 125°C.

For more information, please visit <http://www.amphenol-industrial.com> or e-mail tyesensky@amphenol-aio.com.

Follow us: <https://twitter.com/AmphenolAIO>

Get our updates: <https://www.linkedin.com/company/amphenol-industrial>

-30-

READER SERVICE INQUIRIES: Please forward all reader service inquiries to Ty Yesensky at Amphenol Industrial Operations, 20 Valley Street, Endicott, NY 13760-3600; e-mail: tyesensky@amphenol-aio.com; Web: www.amphenol-industrial.com.

EDITOR'S NOTE: [Amphenol Industrial Operations](#), headquartered in a 20,000 square foot facility in Endicott, N.Y., provides a full range of high reliability power/signal connectors and interconnection systems specifically for the industrial markets including rail/mass transit, process control, automotive manufacturing, heavy equipment, wireless base stations and petrochemical/power generation.

Products include ruggedized-for-industry cylindrical, fiber optic, rectangular, and industrialized versions of Amphenol's MIL-DTL-5015 cylindrical, MIL-DTL-26482 miniature cylindrical and GT reverse bayonet cylindrical connectors. It employs more than 900 people and is ISO9001, TS96949 and MIL-STD-790 certified.

Amphenol Industrial Operations is a division of Amphenol Corporation, Wallingford, CT, one of the largest manufacturers of interconnect products in the world, with 2021 sales topping \$10.9 billion.