Polarlink

Power for Transport Refrigeration Units (TRUs)

Daylight readable LED display

15ft, 25ft, and 50ft cable options with Meltric DSN30 connector

Automatic detection and power delivery when connected to compatible vehicle

A connected power source for refrigerated trailers that saves money, cuts emissions, and ensures compliance. Polarlink is cloud-connected and cellular-enabled, allowing distribution centers to track usage for third-party billing and generate revenue.

Key Features

- **Regulatory Compliance:** Fully compliant with CARB's zero-emission TRU regulations.
- **Lower Costs:** Reduce fuel use, extend equipment life, and minimize maintenance expenses.
- **Smart Energy Management:** Remote monitoring, energy measurement, and automated reports to assist with billing.
- **Built for Uptime:** Weatherproof, rugged, and designed for continuous operation.

Advanced Charging Technologies
act-chargers.com

17260 Newhope St. Fountain Valley, CA 92708
info@act-chargers.com | 877 228 5922

Technical Specifications

Power and Performance	Input Power	480V 3-phase AC
	Output Power	25kW, 30A max
	Grid Frequency	55-65Hz
	System Idle Power Draw	<2W
	Operating Temperature	-40°C to +50°C
	Storage Temperature	-40°C to +80°C
	Ingress Protection	NEMA 3R
	Humidity	Up to 95% non-condensing

Connectivity & Control

- **Smart Monitoring:** Cloud-connected for remote access and real-time tracking to assist with billing
- **Connectivity:** Bluetooth Low Energy (BLE), Wi-Fi (802.11 b/g/n – 150Mbps), Cellular
- **Integration:** Compatible with ACTview™ for remote monitoring and reporting

Design & Durability

- **Coupler Type:** Meltric Decontactor DSN30 or equivalent
- **Cable Length:** 15ft (~4.6m)
- **Enclosure:** Rugged, weatherproof, and designed for continuous operation

Regulatory Compliance

- **CARB Compliant:** Meets California Air Resources Board (CARB) zero-emission TRU requirements
- **Certification:** UL Certified

Advanced Charging Technologies
act-chargers.com

17260 Newhope St. Fountain Valley, CA 92708
info@act-chargers.com | 877 228 5922