Polarlink

Power for Transport Refrigeration Units (TRUs)

Daylight readable LED display

25ft and 75ft 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.

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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 6P/IP68
	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, CBRS compatibility through GXC
- **Integration:** Compatible with ACTview™ for remote monitoring and reporting

Design & Durability

- **Coupler Type:** Meltric Decontactor DSN30 or equivalent
- **Cable Length:** 25ft (7.6 m) and 75ft (22.9 m)
- **Enclosure:** Rugged, weatherproof, and designed for continuous operation

Regulatory Compliance

- **CARB Compliant:** Meets California Air Resources Board (CARB) zero-emission TRU requirements
- **Certification:** UL 94-5VA, NEMA 6P/IP68
- **Environmental Compliance:** RoHS

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