

eTRU Charging Systems

For Reefer Trucks & Trailers

eTRU Power Stations

30A 480VAC 3P 3W + G

Convoy Solutions' cost-effective electric Transport Refrigeration Unit (eTRU) power station provides access to 480VAC corded connectors for refrigerated trailer electric standby.

This commercial-grade, UL-listed unit is typically mounted on an structurally-solid exterior wall. Constructed of robust powder coated stainless steel, the eTRU Power Station is designed to look great and perform for years in harsh outdoor conditions.



Features

- 1-gang power station for energizing refrigerated truck/trailers, complete with safety-interlocked module and 10-ft power cord
- Actuator rod allows user to turn on/off and reset tripped breaker
- UL Listed 30A 3P circuit breaker rated 35kAIC @ 480VAC provides short circuit & overcurrent protection
- Cord includes female connector with integral sensor to prove loop is complete before cord can be energized; system "trips" if proving loop is broken (unplugged, cut cord, drive-off, etc.)
- Cord has break-away provisions enabling a technician to re-connect cord after unintentional "drive-off" while still plugged in
- Ultra-bright Red LED indicates female connector is energized
- Type 3R enclosure manufactured from 14GA seam-welded galvanized steel (powder-coated texture light green)
- Factory wired complete to terminal blocks for customer's 480VAC power connection



Ten-foot power cord includes female connector with integral sensor to prove loop is complete before cord can be energized.

eTRU Power Pedestal

Convoy Solutions' cost-effective electric Transport Refrigeration Unit (eTRU) pedestal provides easy access to 208VAC - 480VAC corded connectors for refrigerated trailer electric standby.

This commercial-grade, UL-listed unit is typically mounted on-top of a concrete pad or bolted directly to concrete. It is recommended to protect the unit with bollards.

Constructed of robust powder coated stainless steel, the eTRU Pedestal is designed to look great and perform for years in harsh outdoor conditions.



Features

- Dual cord configuration (receptacle to be specified by customer)
- SE00W 10/4 black cables with specified connector and length
- Powder-coated stainless steel enclosure resists corrosion & abuse, maintaining a clean new look
- UL Listed modular power outlets & enclosure assembly ensures product integrity
- Outlets are factory wired to a UL approved power distribution block, sized to customer specifications for trouble-free installation
- Modular design simplifies maintenance, minimizing downtime - fast and easy replacement
- Environmental: IP67 per IEC 529 / IEC 309-1, Type 4X capable per NEMA 250, UL 50/508, CSA 22.2

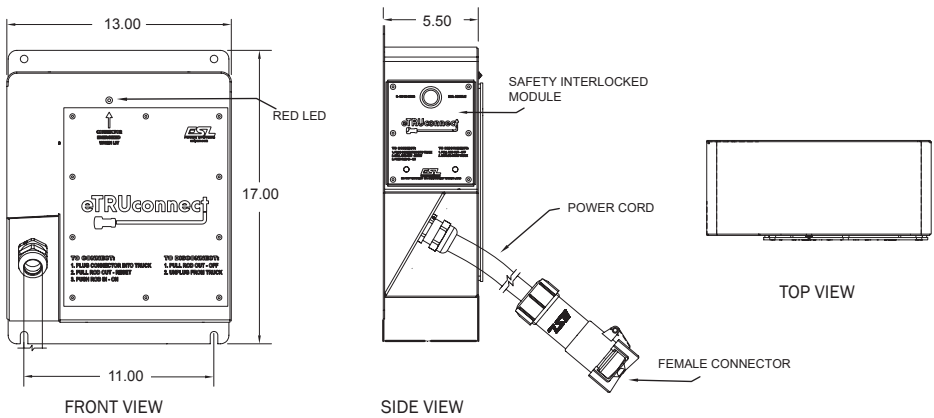


Optional SafeConnect truck/trailer plugs and receptacles are made from durable polymers and stainless steel.

Photo courtesy of SafeConnect Systems, LLC

eTRU Charging Systems: Specifications

eTRU Power Station: Model No. 12345

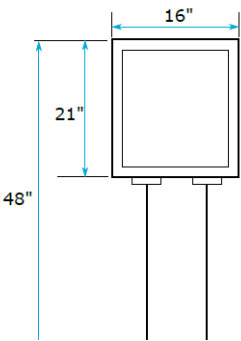


Ratings	
Female connector	30A 480VAC, 3 phase, 3 wire + ground (7hr per IEC 60309-1)
Power cord	600V, 10 gauge, 6 conductor SOOW heavy-duty black cord
Circuit breaker	3P molded case 30A trip, 35,000AIC @ 480VAC with UVR, other trip and AIC ratings available - contact factory
Environmental	Type 3R
Terminal blocks	Installer wires to terminal blocks: (3) phase & (1) ground pressure type screw terminals: #10 - #6 AWG (5-13mm ²) wire range
Materials	
Stainless steel	Module frame, on/off rod, interlock mechanism, and all fasteners
Galvanneal	Enclosure, access cover
Polyamide	Female connector body, lock ring, cover
Phenolic	Female connector contact carrier
Brass	Female connector contact sleeves
Buna-N (Nitrile/NBR)	O-rings, gaskets
Packaging	
Product weight	56 lbs.
Shipping weight	65 lbs.
Options	
Pole mount adaptor for 3" or 4" diameter pipe	

Replacement Parts

Description	Item No.	Description	Item No.
Safety-interlocked power module	1706-301	Red LED kit	4090-40RH
10' cord w/female connector	4065-001-10		

eTRU Pedestal: Model No. 67890



Specs
Cables: SE00W 10/4
Enclosure: powder-coated stainless steel, UL Listed
Power outlets: UL Listed
Distribution block: UL approved sized to customer specifications
Environmental: IP67 per IEC 529 / IEC 309-1, Type 4X capable per NEMA 250, UL 50/508, CSA 22.2



Convoy Solutions operates no-idle, power stations in 13 states where drivers can relax and recharge their electric reefers.

