eTRUconnect EV+
Universal TRU Charging Station

52kW 63A 480VAC 3PH 3W + G, 3W+G+N

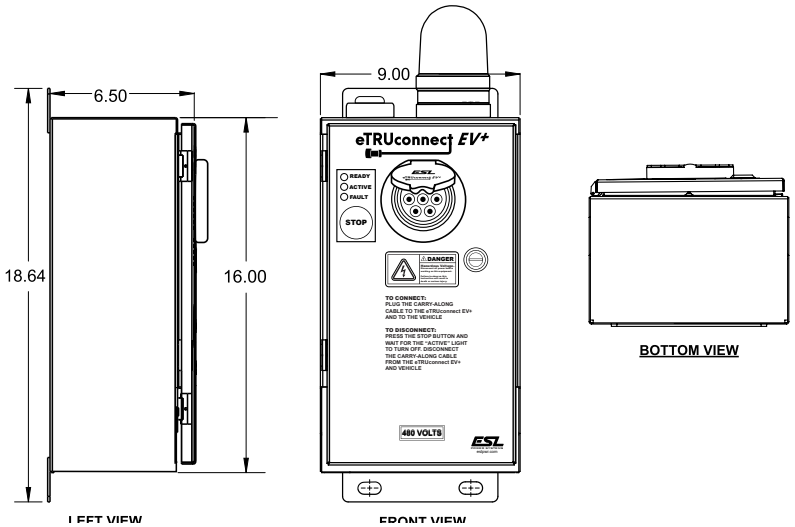
Item No: 6003-001

Features



- Patent pending UL/cUL Listed universal shore power & charging station for energizing refrigerated truck/trailers
- UL/cUL Listed 63A contactor @ 480VAC provides ground fault & overcurrent protection through internal controls
- Interchangeable cables to accommodate different applications, from shore power to 3-p AC charging
- Socket outlet has break-away provisions enabling the user to re-connect the cord after unintentional “drive-off”
- LED indicators provide readiness, status, and failure alerts
- Equiped with 360° strobe light to indicate connector mating with vehicle inlet
- Type 3R enclosure manufactured from 16GA seam-welded steel (powder-coated texture light green)
- Compact footprint for installation in tight spaces between dock doors
- Factory wired and ready for customer’s 480VAC power connection

Drawing



Approvals

- UL/cUL Listed

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Specifications

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Electrical Ratings		
	Current Raring	50A FLA (motor load) / 63A resistive (EV load)
	System Feed	480 VAC three-phase feed (standard); supports 208V to 600V three-phase
	Breaker Sizing	80A breaker for 63A continuous load
Hardware Archirecture		
	Two-board architecture	Compute Module and custom PCBA
	Secondary Microcontroller	Independent safety microcontroller circuit
Connectivity		
	Protocols	OCPP (Open Charge Point Protocol), SAE J3068, SAE J1772, LIN CP, PWM
	WiFi	Low Profile Puck Antenna, 2.4-5 GHz
Mechanical/ Enclosure		
	Protection Rating	UL 3R (Enclosure)
Features		
	Power Sequencing	Randomized startup delay (5-15 minutes)
	LED Status Interface	READY (Green), POWER/CHARGING (Blue), FAULT (Red)
	360 Degree Strobe	To alert drivers that eTRUconnect EV+ is connected to the vehicle
	Configurable Cable Assemblies	Connector Options: SAE J3068 - IEC60309-2 - SAE J1772 - NACS & proprietary 3-ph connections
Sensors		
	Temperature Sensing	NTC (2 sensors per outlet)

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