

E-Cart Jr. Power Transformation / Distribution Center

Manufacturer

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About Us

Since 1918, Ericson has been an industry leader in electrical safety products. Our commitment to delivering safe and innovative products, which is demonstrated by UL, ETL, CSA, QPS listings and NEC/CEC and OSHA Code compliance, is incorporated into every design. ISO 9001 certification, 24/7 emergency customer support, and professional application engineering support ensures that our customers receive the highest quality products and customer experience possible. Based in Willoughby, Ohio, Ericson delivers unsurpassed service and solutions to industrial and commercial customers.

Product Description

The E-Cart Jr. delivers power transformation and distribution functionality utilizing a unique platform that is built ruggedly enough to survive the harshest jobsite environments, while delivering benefits such as simplified connectivity, panel access clearance and portability. Flexible configuration alternatives, with breaker and receptacle personalization, provide the ability to meet specific application requirements without the cost typically associated with custom solutions.

The complete assembly is ETL, cETL listed, NEMA 3R rated, with a 15KVA transformer, and supports input voltages of 480 V and 600 V. Additional capabilities include single and three phase operation, flexible main power configurations, job-site friendly breaker panel access, wheels or skid transportability, built-in forklift access and a heavy duty welded aluminum frame.

Designed for simplified plug-n-play use, the Ericson "system" of temporary power solutions requires minimal setup and teardown time, saving valuable time and the associated expense. These solutions are ideal for a broad range of temporary power applications including general construction, maintenance and repair, oil and gas exploration, emergency response, entertainment venues, and rental services.

Ericson's solutions are also designed to meet the latest NEC/CEC and NRTL safety standards, and undergo extensive quality checks and testing.



Types

The typical configuration is 15 KVA with 480V or 600V primary power, and secondary outputs that are highly customizable (typically 20A receptacles and 50 A PDU feed) based on user requirements.

Materials and Finishes

The E-Cart Jr. frame is made from heavy gauge welded aluminum with a powder coated steel electrical enclosure for exceptional durability, environmental protection and corrosion resistance.

Color

Safety yellow / aluminum.

Benefits

- Power Transformation and Distribution
- User Defined Customization
- Plug and Play Operation
- Single and Three Phase Operation
- Enhanced NEMA 3R In-use Capability
- NRTL Listed Assembly
- Simplified Positioning and Transport
- Forklift Tubes and Lifting Eye Options
- Welding Receptacle Options
- Lightweight, Rugged Welded Aluminum Frame
- Narrow Doorway Capable Frame

Options

All models are highly configurable within the standard NRTL framework providing commercial off-the-shelf (COTS) delivery and flexibility in a user defined solution.

Dimensions

Typical: 30W X 25D X 48H

Technical Data

Applicable Standards

Nationally Recognized Testing Laboratories (NRTL): Intertek (ETL), Underwriters Laboratories (UL), Canadian Standards Association (CSA), QPS Evaluation Services (QPS); National Electric Code (NEC), Canadian Electric Code (CEC), International Standards Organization (ISO): 9001:2015, National Electrical Manufacturers Association (NEMA).

Approvals, Certifications

ETL, cETL

Technical Properties

Part Number	Description
EJR4115CL10600-UL	EJR 480V 1PH 15KVA (6) 5-20 GFCI DUP STD BRKRS
EJR4115CM1061-UL	EJR 480V 1PH 15KVA (6) 5-20 GFCI DUP STD BRKRS
EJR4315CL30600-UL	EJR 480V 3PH 15KVA (6) 5-20 GFCI DUP STD BRKRS
EJR4315CM30310-UL	EJR 480V 3PH 15KVA w/MCB 40A (3) 5-20R DUPS & (1) SR50
EJR4315CM3061-UL	EJR 480V 3PH 15KVA (6) 5-20 GFCI DUP STD BRKRS (1) SR50
EJR4315CM31200-UL	EJR 480V 3PH (12) 5-20R DUP GFCI & MB
EJR6115CM1061-UL	EJR 600V 1PH 15KVA (6) 5-20 GFCI DUP STD BRKRS
EJR6315CM30310-UL	EJR 600V 3PH 15KVA (3) 5-20 GFCI DUP (1) CS6369
EJR6315CM30600-UL	EJR 600V 3PH (6) 5-20R DUP GFCI & MB
EJR6315CM3061-UL	EJR 600V 3PH 15KVA (6) 5-20 GFCI DUP (1) CS6369
EJR6315CM31200-UL	EJR 600V 3PH (12) 5-20R DUP GFCI & MB

Installation

Methods

Use Ericson recommended power cables and tool / lighting cordsets to ensure proper, safe operation. All interconnect cabling should comply with NEC/CEC Standards.

Ericson recommends the use of NEC compliant TuffTraxx cable protectors for protection against cable damage, electrical shock and trip hazards.

Precautions

The E-Card Jr. must be connected to the proper power source, wired according to local standards by a qualified electrician.

A correct and matching plug must be used and connected by a qualified electrician when applicable.

The safety earth ground must be connected and cannot be a combination of neutral and ground wire.

Availability and Cost

The E-Card Jr. is available in the United States and Canada through electrical distribution partners.

Please contact Ericson at 1-800-ERICSON (800-374-2766) for pricing and product availability.

Warranty

The E-Card Jr. is guaranteed against defects in material and workmanship for a period of two (2) years from the date of invoice. This warranty is exclusive and in lieu of all other warranties, whether written, oral, express, implied or statutory.

Ericson will offer, at the sole discretion of Ericson Manufacturing Company, a repair service for products outside of warranty.

Maintenance

No special maintenance is required.

Technical Services

Technical assistance, including detailed information, product literature, assistance in configuring temporary power and lighting systems or installation advice is available by contacting Ericson Manufacturing Company.

For questions about specifications, NRTL compliance, product usage or product installation, visit the Ericson website: www.ericson.com or contact a product specialist at 1-800-ERICSON.

Filing Systems: ETL, cETL