

# Design Your Own E-Cart™



Use the fillable spaces below to customize your own e-Cart® by typing or writing into the fields. Once complete, please forward to your Ericson Channel & Applications Team at [sales@ericson.com](mailto:sales@ericson.com).

1. Job name: \_\_\_\_\_

2. Date Quotation is Due: \_\_\_\_\_

3. Cart Quantity: \_\_\_\_\_

4. When will the cart(s) be needed On-Site: \_\_\_\_\_

**5. Service Area Environment:**

Outdoor Rated (NEMA 3R)

Classified Area (C1 or C2, D2)

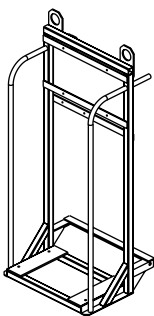
Severe Service (NEMA 4/4X)

**6. Cart Frame Style:** \_\_\_\_\_

*(Choose from styles illustrated below.)*

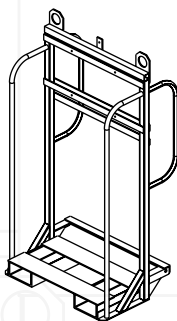
**Two Wheel Frame Styles**

EJR



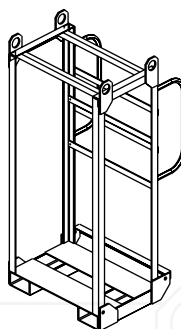
**Two Wheel Open Frame**  
15kVA - Aluminium Standard

EJR2



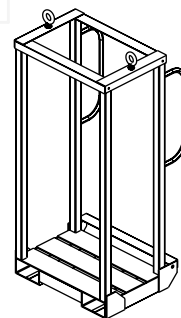
**Two Wheel Open Frame**  
25-45kVA - Aluminium Standard

EJR3



**Two Wheel Cage Frame**  
15-45kVA - Aluminium Standard

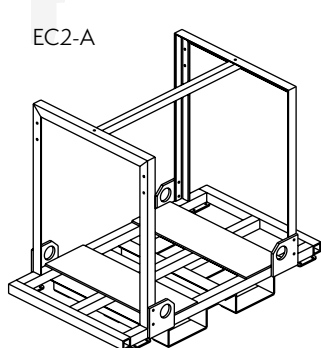
EJR4



**Two Wheel Cage Frame**  
15-45kVA - Steel Standard

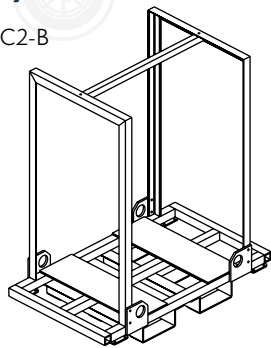
**Four Wheel Frame Styles**

EC2-A



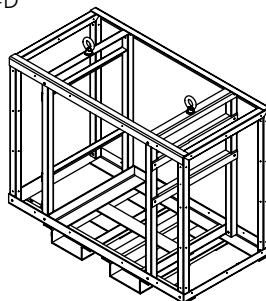
**Four Wheel Open Frame**  
25-45kVA - Aluminium Standard

EC2-B



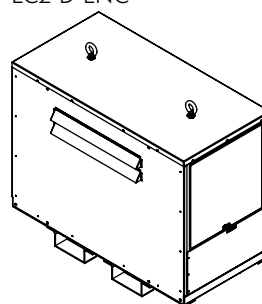
**Four Wheel Open Frame - Tall**  
45-112.5kVA - Aluminium Standard

EC2-D



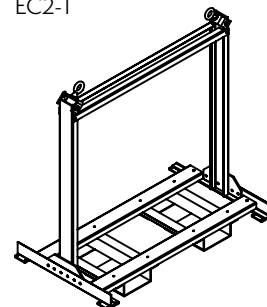
**Four Wheel, Cage**  
25-112.5kVA - Steel Standard

EC2-D-ENC



**Enclosed Frame**  
25-112.5kVA - Steel Standard

EC2-T



**Custom T-Frame**  
15-112.5kVA - Aluminium Standard

**6a. Preferred Style of Wheels**

Choose one style for all corners.



S2W



S4W



L4W



4CS

**7. What is your primary input power?**

480V 3 Phase 3P4W

600V 3 Phase 3P4W

Phase Indicating Lights

480V/277V 3 Phase 4P5W

600V/347V 3 Phase 4P5W

Primary or Secondary Metering

Dual Primary - 480/600-Volt - 3-Phase with tap switch

Other: (please specify)

**8. Specify your preferred primary input style:**

Hardwired Cable, Blunt End

CamLock Male Inlet Receptacles, 400 AMP Series 16

Hardwired Cable with CAM Type Plugs

Hardwired Cable with Plug (Specify Type, IEC or other)

**9. Specify cable type and length:**

## Primary Input Cordset Design Form

Use the table and spaces below to customize your own Input Cordset for your custom PTU by typing or writing into the fields. Once complete, please forward to your Ericson Channel & Applications Team at [sales@ericson.com](mailto:sales@ericson.com).

| Amp                           | Poles/Wires    | Volts      | Cable AWG/# of Conductors                                        | Cable Jacket                                                      | Primary Options                                                                                                                                            | Primary Length |
|-------------------------------|----------------|------------|------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 30<br>60<br>100<br>200<br>400 | 4P/4W<br>4P/5W | 480<br>600 | 10/4,5<br>8/4,5<br>6/4,5<br>4/4,5<br>2/4,5<br>2/0-4,5<br>4/0-4,5 | SOW<br>Type-W<br>Type G-GGC<br>Other (specify)<br>Color (specify) | Blunt<br>Remove Cable Jacket (Length)<br>Conductor Length(s)<br>Crimp Terminals (specify)<br>IEC309-2 (30-100-Amp)<br>CAM Type, 400-Amp<br>Other (specify) | Specify        |

10. Do you require a primary enclosure? **Yes:** **No:** *If yes, please complete number 11 and 12 below.*

11. Environmental rating of primary enclosure?

Powder Coated Steel

Stainless Steel

Classified Environment

12. Select from the primary sub-panel options below. *(in order of preference from top to bottom)*

*If specifying breaker panels, please include breaker amperage and number of poles. (220, 222, and 206)*

Sub-Panel Positions - 1-4

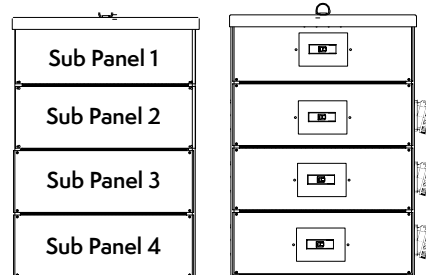
1. Reserve for transformer protection.

2.

3.

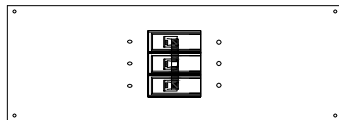
4.

Primary Combo-Box Examples



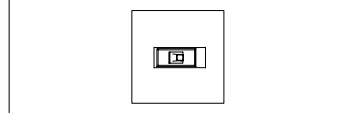
Primary Combo Box Sub-Panel Options

Panel 220



Main Breaker Panel  
3 Pole, 60-100A

Panel 222



Main Breaker  
3 Pole, -125A-200A

Panel 209



Blank

Side or Panel Mounted Receptacle Options & Quantities

Enter configuration below.

IEC 309-2 Receptacle:

Metallic Pin & Sleeve:

Meltric:

IEC 309-2

Mechanical Interlocks:

Transformer:

Optional Primary Panel -

If you want a primary panel, please call Ericson manufacturing to discuss panel manufacturer, breaker sizes and positions with in the panel.

13. Specify transformer type (Dry-Type or Encapsulated) and kVA : \_\_\_\_\_

14. Specify Primary Voltage(s): \_\_\_\_\_

15. Specify Secondary Voltage(s): \_\_\_\_\_

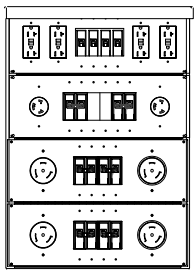
16. Specify Secondary Receptacles or Pigtails: (See Page 28 for standard sub-panel options, or specify your own)

\_\_\_\_\_

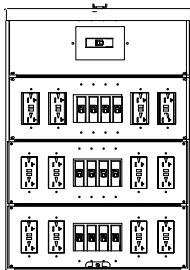
# Design Your Own Secondary Combo Box™



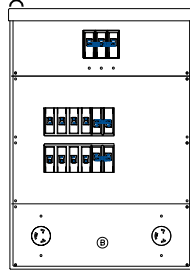
## Combo-Box Enclosure Examples



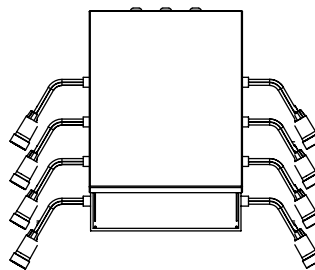
MLO



MCB

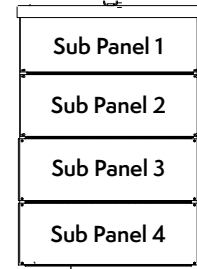


MCB & GFCI Breakers for Pigtails



MCB with Pigtails  
Pigtails Shown

## Build Your Own Combo Box from Sub Panel Options Below



Enter Options

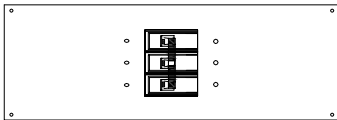
## Design Your Own Secondary Combo Box\*

| Voltage                                                     | Amperage                                                           | Input                                                                                                                           | Main Feed                                 | Output                                                                                    | Enclosure                                         | Sub Panels           | Mounting                               |
|-------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------|----------------------------------------|
| 12 = 120/240<br>18 = 120/208Y<br>47 = 277/480Y<br>60 = 600V | 6 = 60<br>8 = 80<br>10 = 100<br>12 = 125<br>150 = 150<br>200 = 200 | CAM = Cam Connectors<br>IEC = IEC Inlet (specify amperage)<br>CB = Cable, Blunt End<br>CP = Cable with Plug (specify plug type) | MB = Main Breaker<br>MLO = Main Lugs Only | CAM = Cam Receptacles<br>IEC = IEC Receptacle<br>REC = Receptacle - specify configuration | PCS = Powder Coated Steel<br>SS = Stainless Steel | 1.<br>2.<br>3.<br>4. | 2W = Two Wheel Cart<br>WM = Wall Mount |

\* Assemble your custom secondary combo box with sub panel options below, and on page 30.

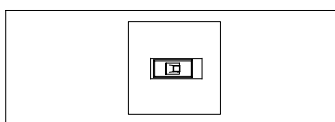
## Main Breaker Panels (Optional)

Panel 220



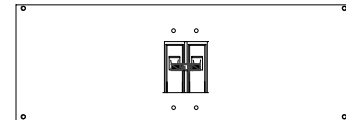
Main Breaker Panel  
3 Pole, 60-100A

Panel 222



Main Breaker  
3 Pole, -125A-200A

Panel 206

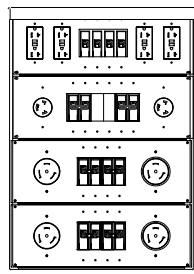


Main Breaker  
2 Pole, -60A-100A

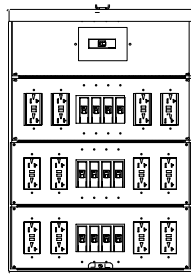
# Design Your Own Secondary Combo Box™



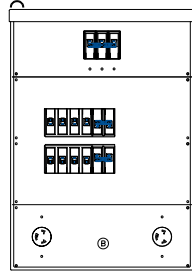
## Combo-Box Enclosure Examples



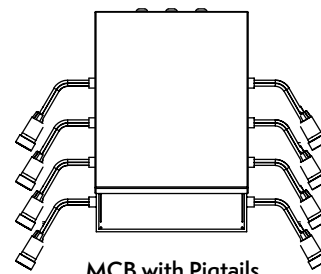
MLO



MCB

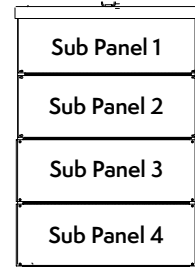


MCB & GFCI Breakers for Pigtails



MCB with Pigtails  
Pigtails Shown

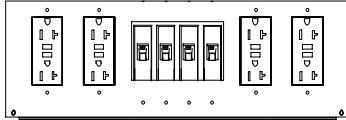
## Build Your Own Combo Box from Sub Panel Options Below\*



\*Please enter options on table on page 29.

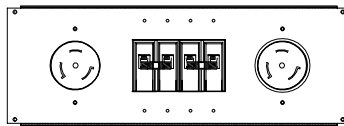
## Receptacle Panels

Panel 362



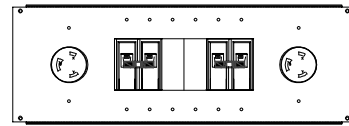
4 – 20A GFCI or Rectangular Receptacles, individually protected by 4 – 1P 20A Breakers

Panel 361



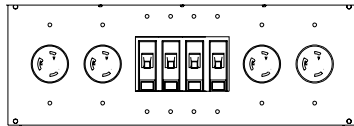
2 – 50A 2P-3W 125/250V receptacles individually protected by 2 – 2P 50A Breakers

Panel 364



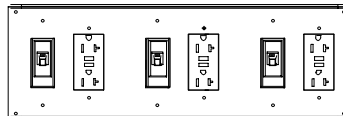
2 – 20A or 30A 2P/3W or 4P/5W receptacles individually protected by appropriately sized 2P or 3P breakers

Panel 363



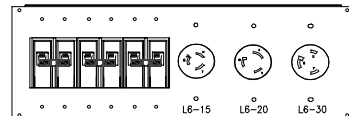
4 – 20A or 30A 2P/3W Single Phase Locking Receptacles with individual, appropriate sized 1P breakers

Panel 202-1



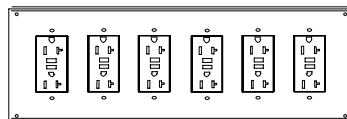
1 – 3 – 20A GFCI Receptacles, individually protected by 4 – 1P 20A Breakers

Panel 217



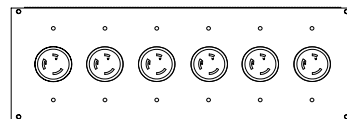
3 – 20 or 30A 2P/3W Single Phase Locking Receptacles with individual appropriately sized 2P breakers

Panel 225



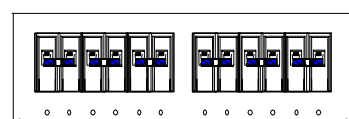
4 – 20A GFCI or Rectangular Receptacles, individually protected on a separate sub panel (see panel 213)

Panel 223



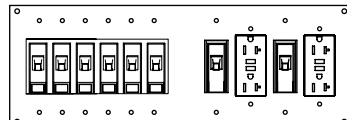
6 – 20 or 30A 2P/3W Single Phase Locking Receptacles, individually protected on a separate sub panel (see panel 213)

Panel 213



6 – Double Pole Breakers or 12 Single Pole Breakers

Panel 218



Blank



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