

PTU Power Transformation Unit, 25-300kVA e-Cart®



Jobsite Power



Standard Features:

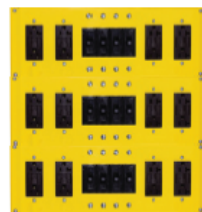
- cETLus listed for U.S. and Canada
- UL1640 and UL943 Compliant
- **Frame:**
 - Easy to move, narrow frame fits through a standard 36" doorway
 - Industrial duty aluminum frame with lifting eyes, wheels or leg stands
 - Choice of solid 10" rubber tires, (2 steering with brakes and 2 fixed) or stationary leg stands
- **Input/Primary Side:**
 - 6ft blunt primary power cable with input bushing to disconnect
 - NEMA 3R fused primary disconnect, sized per transformer
 - Auxillary Disconnect and/or Welding Receptacle available.
- **Transformer:**
 - 25kVA - 300kVA, Ventilated NEMA 3R
 - 480 or 600V, 3 phase or single phase, power input
 - Output power options: 120Y/208V with 3-phase or 120/240V with single-phase transformer
- **Enclosure:**
 - NEMA 3R In Use Powder Coated or Stainless Steel Combo-Box Load Center
 - Main Circuit Breaker or Main Lugs
 - See Page 3 for Customization Options
 - See Page 4 for Standard Receptacles.

Market Applications:

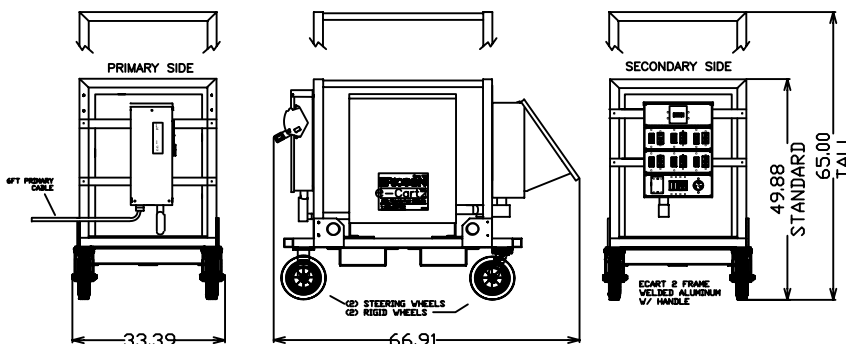
- Maintenance and Construction Power & Lighting
- Power Generation
- Ship Building
- Mining
- Food and Beverage
- Aerospace
- Emergency Response
- Temporary Shelter
- Military Applications



Stainless Steel Option



Combo Box Enclosure



Options:

- Frame - Aluminum, Steel, or Stainless Steel
- Frame - Top welded lifting eyes
- Frame - Cable Hooks for organization
- Frame finish - Powder Coat
- Transformer - Dual Voltage
- Transformer - Auto
- Environment - Marine Duty
- Environment - Hazardous Location
- Metering & Remote Monitoring/Switching

Part Number	Primary Voltage	Phase	Transformer Size	Primary Auxillary	Secondary Voltage	Secondary MCB or ML	Secondary Receptacles	cETLus	Approx Weight
EC2SPH41025XXCL1041	480V	1PH	25kVA	No	120V/240V	ML	(4) 5-20 Duplex GFCI, (1) CS6369, 50A	Yes	600 lbs
EC2SPH41025XXCL1100	480V	1PH	25kVA	No	120V/240V	ML	(10) 5-20 GFCI Duplexes	Yes	600 lbs
EC2SPH61025XXCL1100	600V	1PH	25kVA	No	120V/240V	ML	(10) 5-20 GFCI Duplexes	Yes	600 lbs
EC2SPH43030XXCM3120	480V	3PH	30kVA	No	120V/208V	MCB	(12) 5-20 GFCI Duplexes	Yes	600 lbs
EC2SPX43030XXCL3120	480V	3PH	30kVA	No	120V/208V	ML	(12) 5-20 GFCI Duplexes	Yes	600 lbs
EC2SSH43030W6CM3120	480V	3PH	30kVA	60A Welder	120V/208V	MCB	(12) 5-20 GFCI Duplexes	Yes	600 lbs
EC2SSH43030W6CM3061	480V	3PH	30kVA	60A Welder	120V/208V	MCB	(6) 5-20 GFCI Duplexes, (1) CS6369, 50A	Yes	600 lbs
EC2SSH43030XXCM3122	480V	3PH	30kVA	No	120V/208V	MCB	(12) 5-20 GFCI Duplexes, (1) CS6369, 50A	Yes	850 lbs
EC2SSH63030XXCM3120	600V	3PH	30kVA	No	120V/208V	MCB	(12) 5-20 GFCI Duplexes	Yes	575 lbs
EC2SSX63030A3CM3120	600V	3PH	30kVA	30A Aux	120V/208V	MCB	(12) 5-20 GFCI Duplexes	Yes	600 lbs
EC2SSH41037XXCL1101	480V	1PH	37.5kVA	No	120V/240V	ML	(10) 5-20 GFCI Duplexes, (1) CS6369, 50A	Yes	650 lbs
EC2SPH41037XXCL1140	480V	1PH	37.5kVA	No	120V/240V	ML	(14) 5-20 GFCI Duplexes	Yes	880 lbs
EC2SPX43045XXCL3121	480V	3PH	45kVA	No	120V/208V	ML	(12) 5-20 GFCI Duplexes, (1) CS6369, 50A	Yes	830 lbs
EC2SPH43045XXCL3180	480V	3PH	45kVA	No	120V/208V	ML	(18) 5-20 GFCI Duplexes	Yes	650 lbs
EC2SPH43045A6CM3121	480V	3PH	45kVA	60A Aux	120V/208V	MCB	(12) 5-20 GFCI Duplexes, (1) CS6369, 50A	Yes	800 lbs
EC2HSX43045W6CM3121	480V	3PH	45kVa	60A Welder	120V/208V	MCB	(12) 5-20 GFCI Duplexes, (1) CS6369, 50A	Yes	900 lbs
EC2SSH43045XXCM3063	480V	3PH	45kVA	No	120V/208V	MCB	(6) 5-20 GFCI Duplexes, (3) CS6369, 50A	Yes	700 lbs
EC2SSX63045XXCL3062	600V	3PH	45kVA	No	120V/208V	MCB	(6) 5-20 GFCI Duplexes, (2) CS6369, 50A	Yes	770 lbs
EC2HPH43075W6CM3062	480V	3PH	75kVA	60A Welder	120V/208V	MCB	(6) 5-20 GFCI Duplexes, (2) CS6369, 50A	Yes	1080 lbs
EC2HPX43075XXCL3122	480V	3PH	75kVA	No	120V/208V	ML	(12) 5-20 GFCI Duplexes, (2) CS6369, 50A	Yes	930 lbs
EC2HSX43075W6CM3122	480V	3PH	75kVA	60A Welder	120V/208V	MCB	(12) 5-20 GFCI Duplexes, (2) CS6369, 50A	Yes	735 lbs
EC2HSX43075XXCM3184	480V	3PH	75kVA	No	120V/208V	MCB	(18) 5-20 GFCI Duplexes, (4) CS6369, 50A	Yes	930 lbs

DESIGN AND SPECIFY YOUR E-CART

1) Quantity of units: _____

2) Service Area Environment? Outdoor Rated (NEMA 3R) Severe Service (NEMA 4/4X)
Classified Area (C1 or C2, D2)

3) What is your primary input power?

- 480V 1 Phase 2P3W 600V 1 Phase 2P3W
- 480V 3 Phase 3P4W 600V 3 Phase 3P4W
- 480V/277V 3 Phase 4P5W 600V/347V 3 Phase 4P5W

Other: (please specify) _____

4) Specify your power input style:

- Hardwired Cable, Blunt End
- CamLock Male Inlet Receptacles, 400 AMP Series 16
- Hardwired Cable with CamLock Plugs
- Hardwired Cable with Plug (Specify Type)

5) Do you need any Primary Side Auxillary Receptacles? YES or NO

Primary Receptacles : (Enter MFG Model/NEMA/Amps/Volts & Quantity) _____

6) Specify transformer size (kVA): _____

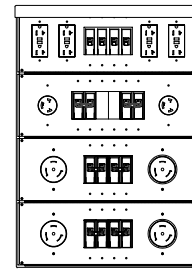
7) Specify your Secondary Voltage: _____

8) Specify your Secondary Receptacles: (See Page 4 for standard sub-panel options, or specify your own)

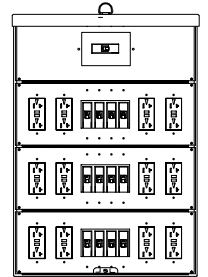
9) Specify your Frame Options: _____

Standard Combo-Box Sub-Panel Options

Combo-Box Enclosure Examples



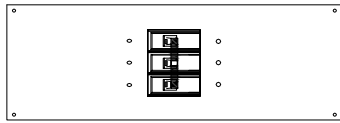
MLO



MCB

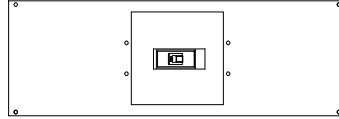
Main Breaker Panels (Optional)

Panel 220



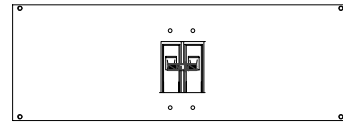
Main Breaker Panel
3 Pole, 60-100A

Panel 222



Main Breaker
3 Pole, -125A-200A

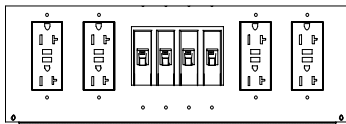
Panel 206



Main Breaker
2 Pole, -60A-100A

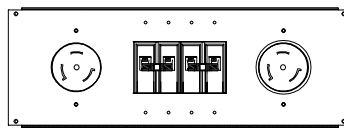
Receptacle Panels

Panel 362



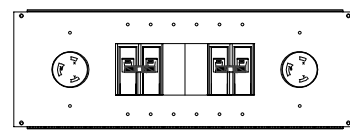
4 – 20A GFCI or Rectangular
Receptacles, individually protected by
4 – 1P 20A Breakers

Panel 361



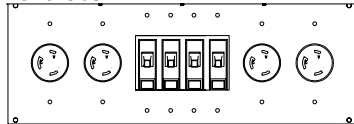
2 – 50A 2P-3W 125/250V
receptacles individually protected by
2 – 2P 50A Breakers

Panel 364



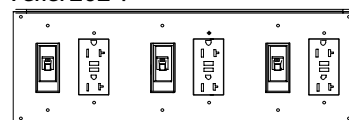
2 – 20A or 30A 2P/3W or 4P/5W
receptacles individually protected by
appropriately sized 2P or 3P breakers

Panel 363



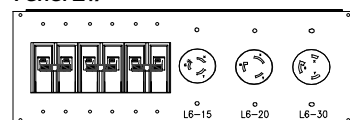
4 – 20A or 30A 2P/3W Single
Phase Locking Receptacles with
individual, appropriate sized 1P
breakers

Panel 202-1



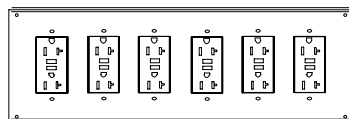
1 – 3 – 20A GFCI Receptacles,
individually protected by 4 – 1P
20A Breakers

Panel 217



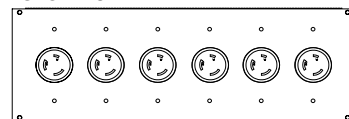
3 – 20 or 30A 2P/3W Single Phase
Locking Receptacles with individual
appropriately sized 2P breakers

Panel 225



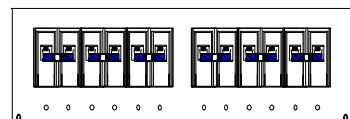
4 -20A GFCI or Rectangular
Receptacles, individually protected
on a separate sub panel (see panel
213)

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 209



Blank

NOTES:

- USE 3-4 PANELS (INCLUDING MAIN BREAKER IF USED)
- CAN USE PANELS MORE THAN ONCE
- PORTIONS OF PANELS CAN BE BLANKED

Nuclear Maintenance PTU's



Examples of Tall Frames



Additional Frame Options



Essential Additions

Part Number	Male Inlet Type	Phase	Description
50 Amp PDUs			
1066FS	Calif. Style	1	Oscar PDU, 50A 240V NEMA3R W/ (6) NEMA5-20 DUPLEX, (1) L6-30
CDU50-3R-A	Calif. Style	1	COMPACT PDU, 50A 240V NEMA3R W/ (6) NEMA5-20 DUPLEX, (1) L6-30
20 Amp Cordsets			
123B	NEMA 5-15	1	COMMERCIAL GRADE 50FT OF 12/3 SJTW CABLE, PRI: 5-15 & SEC: 5-15C LIGHTED
123D	NEMA 5-15	1	COMMERCIAL GRADE 100FT OF 12/3 SJTW CABLE, PRI: 5-15P & SEC: 5-15C LIGHTED
50 Amp Cordsets (for BE1-T50 units, or for CS6369 receptacles)			
63BSO	Calif. Style	1	50FT OF 6/3+8/1 SOW/SOOW CABLE, 50A, CS6365-P & CS6364-C
63DSO	Calif. Style	1	100FT OF 6/3+8/1 SOW/SOOW CABLE, 50A, CS6365-P & CS6364-C

CDU50-3R-A



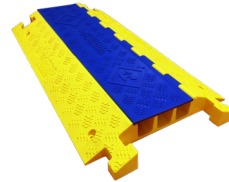
1066FS



63BSO/DSO



CP3-36-ED



123B/123D



2-Wheel e-Carts and Power Distribution Centers:

15kVA



25 - 45kVA



Power Distribution Center, PDC



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