

# TCZ-CL-408R

## CABINETS - TCZ series



- FEATURES:**
- Integrated upper shelf dedicated for cable routing.
  - Can be assembled side by side for running time increase.
  - Terminals designed for easy backup.
  - Custom colors available to match your equipment.
  - Possibility of custom matching your UPS (height, look).
  - Configured and adapted to the battery manufacturer of your choice.
  - Designed to accommodate any front terminal battery sizes up to HR7500ET or equivalent.
  - One of the best space-efficient footprints available.
  - Access to batteries available from any side of the cabinet.
  - Complete solution available for plug and play cabinets.
  - 95% of cabinet designed and manufactured on site by us, offering high quality products.
  - Delivery time as low as 3 to 4 weeks. (For Standard products.)
  - Cabinet Mechanical Features:
    - Acid resistant powder painted coat.
    - Removable panels for ease of maintenance.
    - Side panels knockouts allow up to 4" conduit.
    - Gland plates on top for custom aperture.
    - Can be installed in single or multiple cabinet lineups.

**CERTIFICATIONS:**



- UL Listed.
- NEMA 1 enclosed battery cabinet. NEMA 2 available in option.

**SPECIFICATIONS:**

- Electrical Features:
  - Our cabinets can offer a voltage ranging from 48 VDC up to 480 VDC.
  - Our cabinets can offer a current ranging from 30A up to 800A.
- Environmental Specifications:
  - Normal operating temperatures for batteries are between 68°F-77°F (20°C-25°C).
  - Ventilation slots in front door and rear panel provide a chimney effect for natural convection cooling.

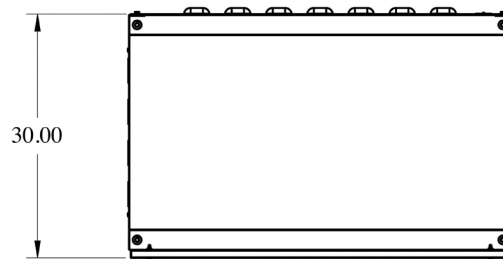
171, Tuckerton Road  
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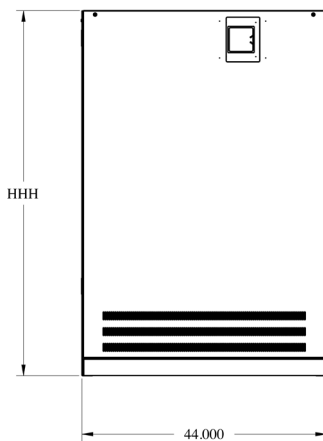
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**TOLL FREE**  
1 800 363.1964

- ASSETS:**
- Cabinets could match most UPS height. Custom height, look and colour available.
  - Our electrostatic powder paint offer acid, corrosion and rust resistance. The finished and assembled provided is second to none.

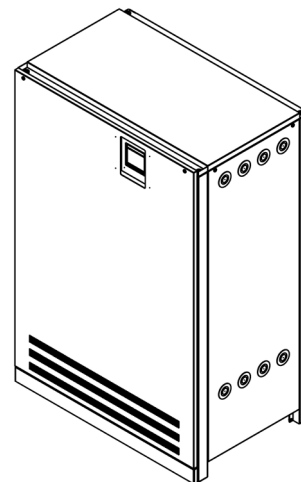
- OPTIONS:**
- NEMA 2 Construction available.
  - Lifting eyebolts.
  - Standard breaker accessories (UVR or SHUNT and AUX).
  - Chargers available for systems below 240 VDC (UL certified).
  - Chargers available for systems above 240 VDC (But not UL).
  - Full height doors.
  - Busbars.



Bottom view



Front and side view



Isometric view

# HOW TO ORDER

**TCZ-CL-408R**

CABINETS - TCZ series

Specify the product and options required with the relevant product code on the basis of the following guidelines

## TCZ -Height - Light - Configuration - Amperage - Voltage - Battery Model - Doors - Color

### TCZ-CL-408R-AMP-VLT-XXXX-A-CL:

- Represents the model of cabinet (TCZ are our standard cabinets for front terminal batteries).

### TCZ-CL-408R-AMP-VLT-XXXX-A-CL (Choose your desired height code):

- Refer to Table 1 below.
- Custom heights also available.

### TCZ-CL-408R-AMP-VLT-XXXX-A-CL (stands for "Light"):

- This model is not "seismic proof".

### TCZ-CL-408R-AMP-VLT-XXXX-A-CL (Cabinet configuration):

- The first digit represents the number of tiers (up to 4).
- The next two digits correspond to the maximum number of batteries per tier (up to 8 for this model).
- R stands for "regular" batteries. This is for our standard batteries (12.75" Height). If your battery is taller the code will be an "L", if it's smaller it will be an "S".

### TCZ-CL-408R-AMP-VLT-XXXX-A-CL (Indicate your amperage):

- Indicate here your desired amperage (up to 800Amps).
- Desired amperage: \_ \_ \_  
(Ex: For 80 amps, your code will be 080).
- This information will dictate the breaker size.

### TCZ-CL-408R-AMP-VLT-XXXX-A-CL (How many batteries do you need):

- This number will be calculated directly with the number of batteries you have on the cabinet.  
(Ex: 4 tiers x 8 batteries x 12V = 384VDC)

### TCZ-CL-408R-AMP-VLT-XXXX-A-CL (What is your battery model):

- We provide the batteries with all of our cabinets.
- Choose code from Table 2 if you choose to provide your own batteries.

### TCZ-CL-408R-AMP-VLT-XXXX-A-CL (lift-off panels):

- Our standard cabinet comes with lift-off panels (code A). We offer hinged doors as an option (code B).

### TCZ-CL-408R-AMP-VLT-XXXX-A-CL (Choose your color):

Our standard colors are:

- BLACK: Code BK.
- BEIGE: Code BG.
- WHITE: Code WT.
- GREY: Code GY.

**We offer custom colors as an option  
(Contact TERMACO for more details).**

## OPTION KITS DESCRIPTION:

- TCZ-EYEB-KIT: Lifting eyebolts.
- TCZ-NEMA2-KIT: NEMA 2 construction cabinet. A joint is added to the gland plates to prevent spilling or light water from entering the cabinet.
- Following kits are breaker accessories (replace X by 3 for T1 to T3 breaker size, and by 6 for T4 to T6 breaker size):
  - TCR-BRKRA**X**-AUX-KIT (For Auxiliary).
  - TCR-BRKRA**X**-UVR-KIT (For UVR).
  - TCR-BRKRA**X**-SHNT-KIT (For SHUNT).
- TCZ-CHG-240UL-KIT: Charger for systems up to 240VDC (UL certified).
- TCZ-CHG-240-KIT: Charger for systems above 240VDC (But not UL).
- TCZ-FULLHDOOR-**X**-KIT: Full height doors option. Refer to Table 1 to replace the “**X**” with the corresponding code.
- TCZ-BUSB-**AMP**-KIT: Busbars. The amperage required will dictate the size of the busbars. “**AMP**” will be replaced by the same amperage chosen for the cabinet.

## TABLE 1 - CODE AND HEIGHTS

HEIGHT (in)*	CODE
75.0	C
76.8	S
78.7	N
79.7	M
80.6	L

\*Contact TERMACO for different heights

## TABLE 2 - CODE FOR BATTERIES

MANUFACTURER	MODEL*	CODE
EAST PENN	HR7500ET	HR75
	HR5500ET	HR55
	HR3500ET	HR35

\*Contact TERMACO for other battery types.



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