TERMACO
PROTECTING POWER

Racks series

Reserve Power – T

FEATURES:

- Flooded Battery Racks.
- Many configurations available to adapt to the requirements:
  - 1, 2 or 3 tiers.
  - 1, 2 or 3 steps.
  - 2-step/2-tier.
  - 2-step/3-tier.
- Can be assembled side by side.
- Configured and adapted to the battery manufacturer of your choice.
- One of the best space-efficient footprints available.
- 100% of rack designed and manufactured on site by us, offering high quality products.
- Delivery time as low as 2 to 3 weeks. (For Standard products.)

CERTIFICATIONS AVAILABLE:

- UBC Zone 2, ground level and top of building.
- UBC Zone 4, ground level.
- IBC limit SS.
- IEEE*.
- NEBS conform construction*.
- NBC certification available on demand.

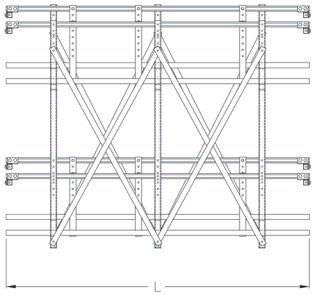
***Contact TERMACO for more details.**

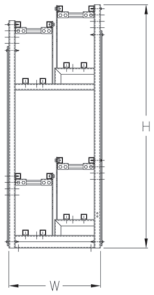
ASSETS:

- Our electrostatic powder paint offer acid, corrosion and rust resistance. The finished and assembled provided is second to none.
- Wide range of standard products.
- Wide range of customisation.

OPTIONS:

- Spill containment systems.
- Pillows.
- Cured powder coating rails.
- Fire retardant PVC rail covers.
- Third rail support.
- Customizable.





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HOW TO ORDER

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

Termaco – Cell Dimension – Rack Type – Number of Step/Tier – Seismic Zone – Length of Rack – Cell Height Range

T- 3 5 2 025 108 A - G 0 Cxx – Sx:

(RACK GENERATION)

"T" stands for Termaco and has been added in order to differentiate the new 0.01g Non-Seismic, and 0.25g and 0.50g Seismic Rack Generation (now standardised) from the previous ones.

T- 3 5 2 025 108 A - G 0 Cxx – Sx:

(CELL DIMENSION)

Choose a number according to the depth of the cell.

- "1" - For battery DEPTH up to 8.5".
- "3" - For battery DEPTH up to 11.5".
- "5" - For battery DEPTH up to 16.5".
- "7" - For battery DEPTH up to 23.5".

T - 3 5 2 025 108 A - G 0 Cxx – Sx:

(RACK TYPE)

- "3" - For tier type (Tier only/No Steps)
- "4" - For x-tier/2-row type
- "5" - For step type (Step only/1-Tier)
- "7" - For x-step/x-tier type (Nb. Step = of Nb. Tier)
- "8" - For 2-step/x-tier type (Nb. Step ≠ of Nb. Tier)
- "9" - For 3-step/x-tier type (Nb. Step ≠ of Nb. Tier)
- "0" - Custom configuration (Not available from the above)

T - 3 5 2 025 108 A - G 0 Cxx – Sx:

(NUMBER OF STEPS OR TIERS)

T - 3 5 2 025 108 A - G 0 Cxx – Sx:

(SEISMIC ZONE)

- "001" - ZONE 0 RACK CAN HANDLE UP A LATERAL FORCE OF 0.01G.
- "025" - RACK CAN HANDLE UP TO 0.25G OF LATERAL FORCE.
- "050" - RACK CAN HANDLE UP TO 0.50G OF LATERAL FORCE.
- "XXX" - NON STANDARD - (Special ID assigned by Termaco Required).

T - 3 5 2 025 108 A - G 0 Cxx – Sx:

(LENGTH OF RACK (IN INCHES)) (*)

LENGTH = (number of cells per step or tier) x length of a cell

+ (number of cells per step or tier - 1) x length of spacing

+ 4" (for the End Rails).

T - 3 5 2 025 108 A - G 0 Cxx – Sx:

(CELL HEIGHT RANGE)

- "A" - Valid for cells 9 to 12" HIGH.
- "B" - Valid for cells 12 to 16" HIGH.
- "C" - Valid for cells 16 to 22" HIGH.
- "D" - Valid for cells 22 to 34" HIGH.

- To determine the number of cells per step or tier, divide the total number of cells by the number of steps and/or tiers.
- The standard spacing between 2 cells is 0.500" or 13mm if required. (**)

The rack length shall always be rounded to the next higher integer (in terms of feet)

Ex. A 68-inch rack is rounded to 72 inches (6 feet long rack).

Ex. Using 8.46" long cell.

We intend to place 24 cells on the rack.

For a 2-tier rack: 24 ÷ 2 = 12 cells per tier.

Length = (12 x 8.46) + ((12-1) x 0.500) = 107.02in rounded to 108in (9ft).

For a 2-tier/2-step rack: 24 ÷ 4 = 6 cells per tier/step.

Length = (6 x 8.46) + ((6-1) x 0.500) = 53.26in rounded to 60in (5ft).

(*) The spacing between the batteries can be reduced to a minimum of 0.375", but must be kept to 0.500" between the pairs of batteries where cell clamps have to be installed.

(**) The rack are designed in order that the end rails can extend the nominal length of the rack, If the end rails shall not extend past the overall length, 4" must be removed for the available length on the rack.

HOW TO ORDER

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

OPTIONAL FIELD DESIGNATIONS:
Type of Rails – Extra Rails – Spill Containment System – ID for Custom Rack Configuration

T- 3 5 2 025 108 A - G 0 Cxx – Sx:

(TYPE OF RAILS)

Choose a letter according to the rail finish.

- "G" - For Galvanized rails (This is the standard by default).
- "P" - For Painted rails (Extra applicable / Additional fees to be added separately from the rack cost).

T- 3 5 2 025 108 A - G 0 Cxx – Sx:

(EXTRA QUANTITY OF RAILS PER ROW)
(Applicable for custom racks only)

Choose a number according to the quantity of extra rail per row

- "0" - No extra rail (This is the standard).
- "1" - One extra rail added between the 2 existing ones (Extra applicable).
- "2" - Two extra rails added between the existing ones (Extra applicable).

T - 3 5 2 025 108 A - G 0 Cxx – Sx:

(SPILL CONTAINMENT SYSTEM)
(To be ordered separately)

- " " - Empty field means no containment system.
- "CR" - Rack comes "Including" a Steel acid containment system (Painted).
- "CX" - Rack comes "Including" a Stainless Steel acid containment system (Not painted).
- "CRP" - Rack comes "Including" a Painted acid containment system (with absorbent/neutralizing pillows).
- "CXP" - Rack comes "Including" a Stainless Steel acid containment system (with absorbent/neutralizing pillows).

T - 3 5 2 025 108 A - G 0 Cxx – Sx:

(ID OF RACKS WITH A CUSTOM CONFIGURATION)

This number will be only assigned by Termaco (if necessary)

- " " - Empty field is a standard rack has been found (without any modification).
- "S0" - Standard Rack Modified - Special ID # 0 (with any dimensional or design modification).
- "S1" - Standard Rack Modified - Special ID # 1 (with any dimensional or design modification).

  NOTE: The mention "S" without a specific number ID will not be allowed anymore.

EXAMPLES:

The following number, **T-352025108A-GCRP**, designates a 108-inch long, 2-Step, 0.25G Seismic Standard Rack, holding a cell of 8.5 to 11.5" deep and 9 to 12" high, with Galvanized Rails, the standard 2 rails per row of cells and coming with an optional Painted Containment System (made of steel) equipped with Absorbent/Neutralizing Pillows.

The following number, **T-183025036C-P1-S0**, designates a 36-inch long, 2-Step 3-Tier, 0.25G Seismic Custom Rack, holding a cell of up to 8.5" deep and 16 to 22" high, with Painted Rails, 3 rails per row of cells (1 extra rail than the STD), without Spill Containment System option.

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