

Telergy Equipment Racks



ADVANTAGES OF THE HIGH DENSITY TELECOM ENERGY RACK:

- At **only 26.0" wide**, the Telergy Rack allows for up to 12 Strings (at 24v) to fit in the place of any 23" rack. Providing up to 2,280 Ahr in only 4.3 sq ft, it is the **smallest footprint of any NEBS Rated rack in the US**.
- Unlike other equipment racks, the Telergy rack is **completely front accessible**.
 - All cable connections are front accessible, not mounted on the sides of the rack. Side mounted hardware connections can not be accessed during maintenance or changes if the side of the racks are located next to walls or other racks.
 - On Telergy racks, cables are used on the sides of the rack instead of open copper buss bars, providing fewer un-insulated parts to cause damage, especially during a seismic event. The heavily insulated cabling is far safer than other tiered racks with thin or un-insulated side cover plates as protection from short circuits, ground faults and fires.
 - The Telergy output buss bars are located on the top, recessed into the frame of the rack for protection but still accessible by 360 degrees.

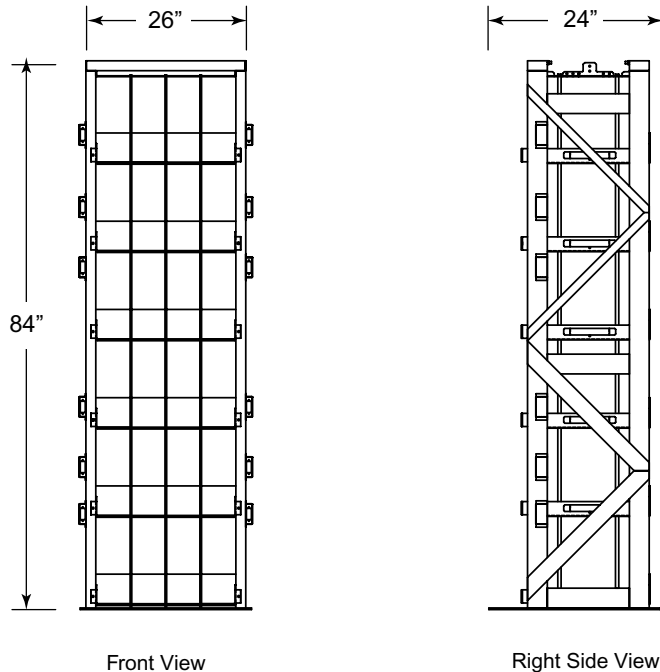
OTHER BENEFITS INCLUDE:

- **Additional .250" air space** along the sides of the batteries yet they are still held in by supports to prevent them from moving. This gives air flow to provide a cooler and longer life of the battery.
- The racks are available in various heights of **3, 4, 5 and 6 tiers**.
- Available with **optional circuit breaker protection** on each string or for bulk output.
- The 3 tier rack has an **optional top plate** for mounting a half rack (19" or 23") on top of the rack for equipment or a DC Plant.
- The 4 and 5 tier racks feature optional rack mount rails for mounting rectifiers and other equipment in the same rack, resulting in a **complete high density DC Plant and battery solution**.
- **Side by side mounting** of multiple racks for longer runtimes.
- The rack is **adjustable to all 140-190 Ahr** front terminal batteries.
- **Prewired and pre-assembled** to expedite installations. Only anchoring and installation of the batteries is required.
- **Fastest installation time** of any rack sold due to minimal removable parts.



Electronic Systems Support

Telergy Equipment Racks



Specifications

Part Number	Max Number of Strings	Voltage	Width inches (mm)	Depth inches (mm)	Height inches (mm)	Weight Lbs (Kg)
TR4X6-24V	12	24	26 in (661)	24 (610)	84 (2,133)	440 (200)
TR4X6-48V	6	48	26 in (661)	24 (610)	84 (2,133)	425 (193)
TR4X5-24V	10	24	26 in (661)	24 (610)	84 (2,133)	410 (186)
TR4X5-48V	5	48	26 in (661)	24 (610)	84 (2,133)	400 (184)
TR4X4-24V	8	24	26 in (661)	24 (610)	84 (2,133)	385 (175)
TR4X4-48V	4	48	26 in (661)	24 (610)	84 (2,133)	375 (170)
TR4X3-24V	6	24	26 in (661)	24 (610)	44 (1,118)	260 (118)
TR4X3-48V	3	48	26 in (661)	24 (610)	44 (1,118)	250 (114)

Options:

- For a 100A Circuit Breaker per string add CB100 to the part number
- For Rack Mount to be added to either the 5 tier (TR4X5-) or 4 Tier (TR4X4-) add a -23RM for a 23" rack mount rail or 19RM for a 19" rack mount rail.
- For the top plate on the 3 tier racks (required to mount a half rack on) add a TP to the end.
i.e. For a 10 string 5 tier rack with breakers on each string and a 23" rack mount rail the part number would be TR4X5-24V-CB100-23RM.
- Seismic installation kits with anchors can be provided along with racks.
- For custom configurations please consult the factory.
- A combination of 24 Volt and 48 volt strings in the same rack are possible.