

## TELCO RACK SYSTEMS

### FEATURES AND BENEFITS

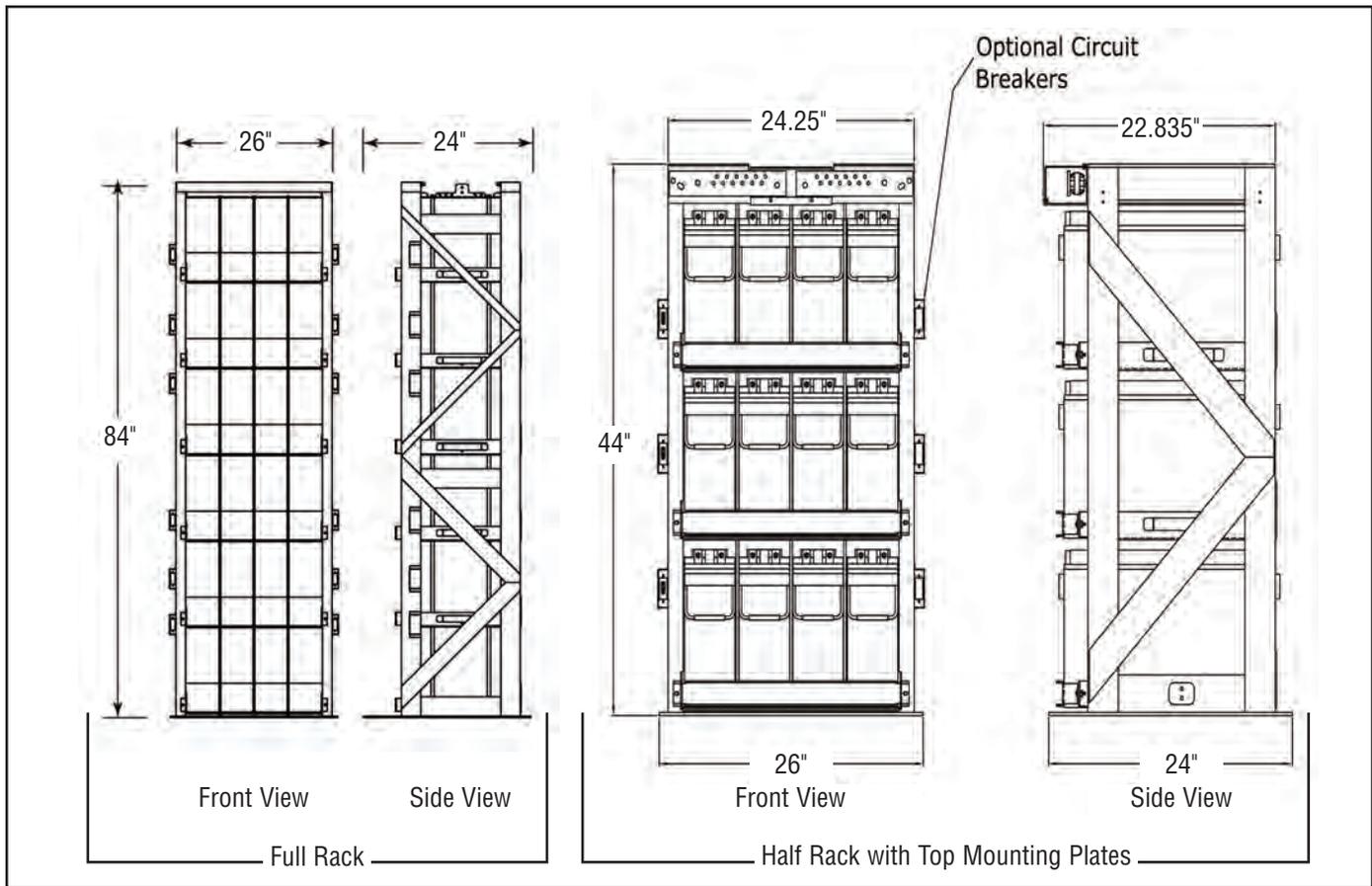
- At only 26.0" wide, the **Deka Unigy Telco Rack** allows for up to 12 strings (at 24v) to fit in the place of any 23" rack. Providing up to 2040 Ahr in only 4.3 sq ft, it is the smallest footprint of any NEBS Rated rack in the US.
- Unlike other equipment racks, the **Deka Unigy Telco Rack** is completely 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 the walls or other racks.
  - On **Deka Unigy Telco Racks**, cables are used on the sides of the rack instead of open copper buss bars, providing fewer uninsulated parts to cause damage, especially during a seismic event. The heavily insulated cabling is far safer than other tiered racks with thin or uninsulated side cover plates as protection from circuits, ground faults, and fires.
  - The **Deka Unigy Telco Rack** output buss bars are located on the top, recessed into the frame of the rack for protection but still accessible by 360 degrees.
- 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 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 the 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 the multiple racks for longer runtimes.
- The rack is adjustable to 150-170 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.



Top view of rack installation

QUALITY SYSTEM  
CERTIFIED TO  
**ISO 9001**  
**ISO/TS 16949**  
**ISO 14001**





Part Number	Max Number of Strings	Voltage	Width inches (mm)	Depth inches (mm)	Height inches (mm)	Weight Lbs (kg)
<b>FULL RACK</b>						
AVRTR4X6 Z4-24v	12	24	26 (661)	24 (610)	84 (2,133)	440 (200)
AVRTR4X6 Z4-48v	6	48	26 (661)	24 (610)	84 (2,133)	425 (193)
AVRTR4X5 Z4-24v	10	24	26 (661)	24 (610)	84 (2,133)	410 (186)
AVRTR4X5 Z4-48v	5	48	26 (661)	24 (610)	84 (2,133)	400 (184)
AVRTR4X4 Z4-24v	8	24	26 (661)	24 (610)	84 (2,133)	385 (175)
AVRTR4X4 Z4-48v	4	48	26 (661)	24 (610)	84 (2,133)	375 (170)
<b>HALF RACK WITH TOP MOUNTING PLATES</b>						
AVRTR4X3 Z4 TBP-24v	6	24	26 (661)	24 (610)	44 (1,118)	260 (118)
AVRTR4X3 Z4 TBP-48v	3	48	26 (661)	24 (610)	44 (1,118)	250 (114)

**Options:**

- For A 100A Circuit Breaker per string add B 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 TBP to the end.

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