

# MBT |

Mobile Battery Trailer  
48 & 125 VDC Mobile Power System



## Mobile Battery Trailer

48 and 125 VDC mobile power system. Fully customizable mobile DC power solution outfitted with batteries and accessories to suit your application. A perfect solution for substation managers and plant engineers to help you with NERC compliance testing!

## Product Features

- » Fully customizable
- » Multiple voltages and amp-hr capacities
- » Supports all battery types
- » Customer-selected charging and distribution systems
- » Rugged, reliable designs
- » Complete safety features
- » Accessories and peripherals included
- » Heating and AC
- » DC cable and reels
- » AC power interface for shore power
- » Stowage for tools, equipment, and safety devices

## Applications

- » Substation control power
- » Emergency backup for communications nodes
- » Temporary power during battery testing and maintenance



## Battery Trailer Buildout & Equipment Options

- » Enclosed tandem axle trailer
- » Roof vents
- » Lighting options
- » 32" side door
- » Full access rear barn style doors
- » Corner post drop down jacks in rear
- » Corners—3,000 lb. capacity
- » DC equipment
- » VRLA, gelled lead-acid, nickel-cadmium batteries
- » 24/48/125 VDC chargers to customer specifications
- » Various battery rack and spill containment Designs » DC voltage converters
- » Disconnects
- » Portable AC generator
- » White vinyl ceiling
- » 13,500 BTU A/C with heat strips
- » 2-500 watt quartz rear loading lights
- » ¾" plywood walls
- » Equipment compartments
- » Acid-resistant coating on floor
- » Portable eyewash station
- » Cable reels » DC connection cables
- » Shore power cable—specify plug type if not pigtail
- » 1-bonding cable on reel
- » Safety equipment:
  - » Fire extinguishers
  - » Signage
  - » Hazardous lighting
  - » First aid
- » AC and DC panels With circuit breakers
- » Cutler hammer 100-amp dual throw switch
- » 48v and 125v output
- » 4 outlets and 1 switch installed per NEC standards for explosion proof location
- » Conduit and connectors

