



Streamlined Mandatory Battery Testing

ChargePak

(Portable Battery Testing System)

Utility substation managers and operators are under increasing pressure to expand their testing capacity to meet NERC PRC-005 and IEEE 450 requirements for annual battery testing. Regular testing is essential for identifying issues before they lead to failures, but traditional methods are often time-consuming and cumbersome, with lengthy setup times that reduce labor efficiency and increase operating costs. NERC also requires that all test results be documented and available for audits; inadequate documentation or improper recordkeeping can result in non-compliance and fines. Trystar's ChargePak Portable Battery Testing System (BTS) streamlines this process by fully integrating a portable battery charger, load bank, and battery bank with an integrated cabling system that eliminates battery movement during testing. The ChargePak BTS not only helps identify battery issues more efficiently, it also provides the data needed to document testing and mitigate future problems.



Benefits

Trystar's Portable Battery Testing Systems

- **Plug-and-Play Solution:** Save time and expense when using the Trystar ChargePak. This all-in-one solution provides everything needed to perform quarterly or annual maintenance testing on critical battery systems. Mounted to a trailer, van or truck, its plug-and-play design minimizes human error, while robust VRLA lead-acid construction ensures durability in harsh conditions.
- **Designed for Testing / Built to Last:** The Trystar ChargePak Portable Battery Testing System (BTS) is a fully integrated solution designed to simplify, accelerate, and document NERC PRC-005 and IEEE 450-compliant substation battery testing. Combining a portable battery charger, load bank, a bank of 125Vdc-50AH batteries and an integrated cabling system, ChargePak eliminates manual setup and battery movement. With a NEMA 3R outdoor-rated protective housing, the ChargePak is meant for real-world applications.



Applications

- Utilities
- Electrical Co-ops
- Municipal Buildings
- Heavy Industrial Facilities
- Commercial and Industrial Buildings
- Pulp and Paper Manufacturing
- Healthcare Facilities
- Data Centers
- Wastewater Treatment



Key Features

- Decrease setup deployment while increasing facility safety
- Backup power to systems while testing
- Integrated cabling to reduce heavy battery movement
- Reels for AC and DC cables
- 50' of DC cable to keep batteries in truck to reduce the risk of injury by battery manipulation
- Heavy-duty color coated clamps for faster connection
- Skid mounted to truck, trailer or van to for easy deployment near sub-station
- Increases labor efficiency by reducing setup time prior to testing
- Portable, light-weight battery charger included
- Integrated constant current load bank 90-150 Vdc, 0-100 Amps, required for IEEE/NEC testing
- PC interface allows for automatic downloads for reporting purposes



Catalog Numbers

Catalog no.	Description
Portable BTS	ChargePak Mobile Battery Testing System