

Docking Stations for Essential Power Continuity & Testing

Load Bank Docking Stations

(Single Purpose)

Regular load testing is essential for verifying the reliability and capacity of backup power systems, ensuring they perform as expected during critical situations. Trystar's Single-Purpose Load Bank Docking Stations provide a secure, efficient, and code-compliant solution for connecting load banks, making generator testing and system maintenance simpler and more reliable.

Designed for industries with strict regulatory requirements—such as healthcare, utilities, telecom, and data centers—these stations support seamless load simulation, helping facilities maintain compliance and operational readiness. With durable construction, universal compatibility, and tamper-resistant features, Trystar's load bank docking stations are an essential tool for ensuring backup power reliability.



Load Bank Docking Stations



Benefits

Engineered for safety, efficiency, and seamless integration, Trystar's Load Bank Docking Stations provide a dedicated solution for power system testing.

- **Effortless Load Bank Connection:** Provides a dedicated, secure interface for load banks, enabling fast, hassle-free generator testing without disrupting operations.
- **Reliable, Code-Compliant Performance:** Meets NFPA 110 standards and other industry regulations, ensuring backup power systems undergo proper load testing to verify performance and compliance.
- **Durable and Secure Design:** Built for tough environments with corrosion-resistant enclosures, tamper-resistant locking mechanisms, and high wind and seismic ratings for long-term reliability.
- **Reduced Downtime and Labor Costs:** Streamlines load testing by eliminating the need for manual connections, reducing labor costs and minimizing operational interruptions.



Key Features

- Up to 600Y/347V @ 60Hz / 5000A / 100kAIC Interrupting Capacity
- Integrated breaker isolation, overcurrent protection and switching available
- Options for No Breakers or Fused Overcurrent Protection available
- Service Entrance Rated (SER) options available
- Female (output), industry-standard 16 Series temporary camlock connections with patented, flip-lid covers
- Features a patented tamper-resistant rake system to prevent cable theft and unauthorized disconnection
- UL891, UL1008, and PE-Listed options available. NEC 702.12C compliant with safety interlock door adder
- IBC seismic certification, with wind ratings up to 180MPH for wall-mount enclosures



Catalog Numbers

| Catalog no. | Description |
|--------------|---|
| GDS | Non-breaker Docking Station, Single Purpose |
| <u>X</u> BDS | <u>S</u> B = Single / <u>D</u> B = Dual Breaker Docking Station, Single Purpose |



Applications

Facilities that regularly test backup power systems use Single-purpose Load Bank Docking Stations to simulate electrical loads and verify generator capacity without needing a temporary generator connection, such as:

- Generator Maintenance Companies
- Telecommunication Providers
- Data Centers
- Utilities (Power Generation, Water Treatment)
- Industrial Manufacturing Plants
- Large Hospitals and Healthcare Facilities



Available Options

- Breaker Options Including:
 - 3 or 4 Pole
 - 100% Ground Rated Conductor Option
 - ETU's - Electronic Trip Units
 - Long, Short, Instantaneous Ground Tripping (LSIG)
 - Energy Reduction Management System (ERMS)
 - ModBus TCP Connectivity
- Enclosure Options:
 - NEMA 1, 3R or 4X & UL50
 - Mild Steel or Aluminum, or 304/316 Stainless Steel for Superior Environmental Protection
 - Wall Mount, Floor Mount, Flush Mount or Pad Mount Options Available
- 20+ Accessory Options Including:
 - Phase Rotation Monitor
 - Kirk Key Mechanical Interlocks
 - SCADA Port
 - 2 or 3 Wire Auto Start Connections
 - Thermostat and Strip Heater
 - Shore Power Connections - 30A & 20A Receptacles
 - Utility Indicator Light
 - Load Shed Receptacle