

# TRIPLE BREAKER DOCKING STATION

## DUAL PURPOSE LINE



## INTEGRATED MANUAL TRANSFER SWITCH AND DUAL PURPOSE DOCKING STATION

Trystar's triple breaker addition to the Dual Purpose family allows the inclusion of a third dedicated breaker for the temporary load bank. The Dual Purpose family allows the safe, fast, and legal connection of a temporary generator and portable load bank in compliance with the requirements in NEC 2017 and later editions. Avoiding costly temporary modifications of the existing electrical equipment and ensuring your facility can respond immediately to the next outage by restoring normal operations safely and legally.

### TRYSTAR ENGINEERED DIFFERENCE

- Adjacent breaker cabinet design allows the breakers and receptacles to be operated while cables are connected and units in use. Ensuring your personnel will not be straddling cables while operating the unit.
- Heat efficient design eliminated the need for mechanical fans or auxiliary cooling mechanism while under load. Reducing external equipment dependencies and ensuring your facility remains online.

### IMPROVE EMERGENCY EQUIPMENT ROI

- Integrated load bank and roll-up generator connections eliminate the wear & tear on mechanical components, the number one cause of electrical failures
- Reduce installation costs and setup time for temporary generator installation and load bank testing

### NEC 700.3(F) COMPLIANT

- Integrated mechanical interlock to prevent inadvertent interconnection of power sources in compliance with NEC 700.12
- Factory standard phase rotation monitor to ensure the portable source is in the correct phase requirements
- Industry standard Camlocks to safely and quickly connect a portable or temporary source of power during maintenance and testing



### TURNKEY DESIGN FIVE-IN-ONE DESIGN

1. Permanent generator disconnect
2. Temporary generator connection
3. Load bank testing connection
4. Overcurrent protection on both permanent and temporary generator and load bank device
5. MTS interlock to transfer between permanent and temporary generator

# TRIPLE BREAKER DOCKING STATION

## FEATURES AND OPTIONS



### APPLICATION RANGE

- 100-4000A
- Up To 600V
- NEMA 3R or N4X
- 65 KalC rated

### STANDARD FEATURES

- Factory installed phase rotation monitor
- All aluminum NEMA 3R or stainless 4X construction
- Patented tamper-resistant rake system to prevent cable theft and unauthorized disconnection
- Industry standard 16 Series CamLock connections compatible with any rental generator or load bank for facility backup and permanent generator testing
- Integrated bottom conduit entry access for permanent conduit and feeder connections
- Mechanical or Kirk Key interlock to safely disconnect and transfer power



### AVAILABLE OPTIONS

- Generator reliability package with auto start, battery charger, block heater, and load shed receptacle
- Strip heater & unit thermostat (375 Watt)
- Secondary convenience receptacles for added power options
- Patented solenoid safety interlock door to comply with NEC702.12C
- Utility indicator lights
- Visit [trystar.com](http://trystar.com) for a full list of additional options and features

### LISTINGS

- Listed to UL 1008 standards
- UL 50 listed enclosure
- NEC 700.3F compliant by application
- NEC 702.12C compliant with safety interlock door adder

### CORE INDUSTRIES



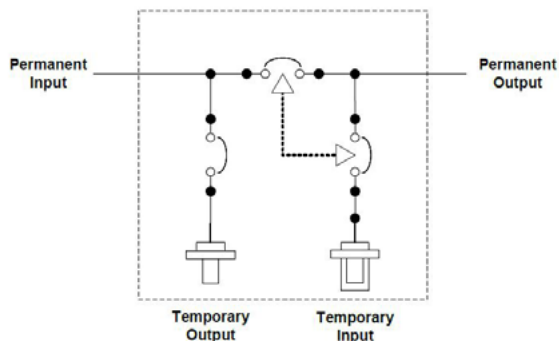
# TRIPLE BREAKER DOCKING STATION

ONE LINES



## TBDS-1

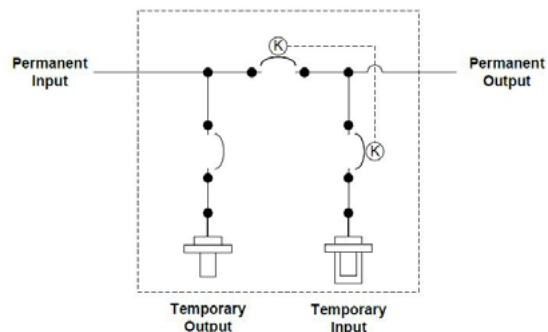
Available in Wall Mount Units Only



Dual Purpose with permanent generator, temporary generator and load bank overcurrent protection.

## TBDS-2

Available in Pad Mount Units Only



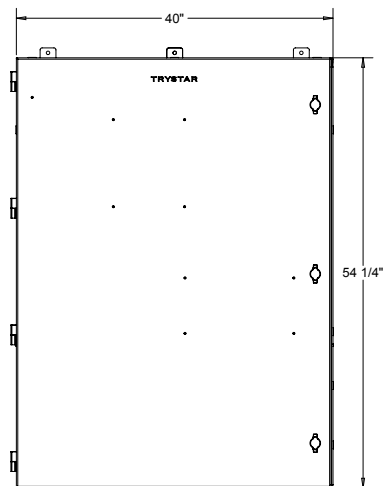
Dual Purpose with permanent generator, temporary generator and load bank overcurrent protection.

### Key

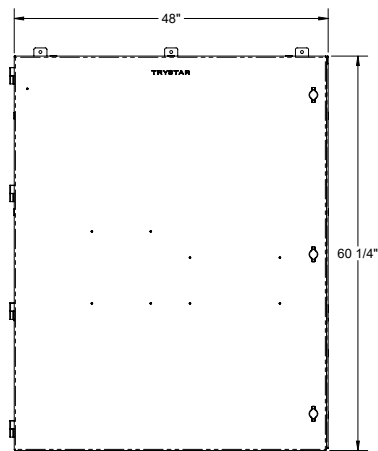
Hardware Lug	Load Center	Male Cam Lock	Female Cam Lock	Automatic Transfer Switch	Kirk Key Interlock System	Connection Point	Mechanical Interlock System
Class CC Fuse Holder	Circuit Breaker	Phase Rotation Monitor	Auto Start Terminals	Terminal Block	Strip Heater	Silver Plated Busbar	

# TRIPLE BREAKER DOCKING STATION

ONE LINES

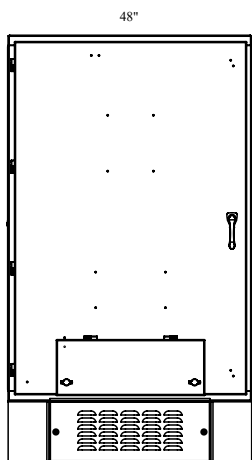


**Medium**

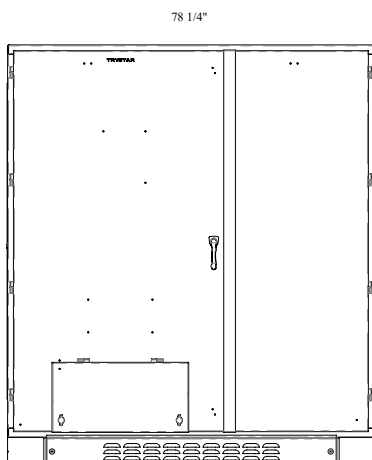


**Large**

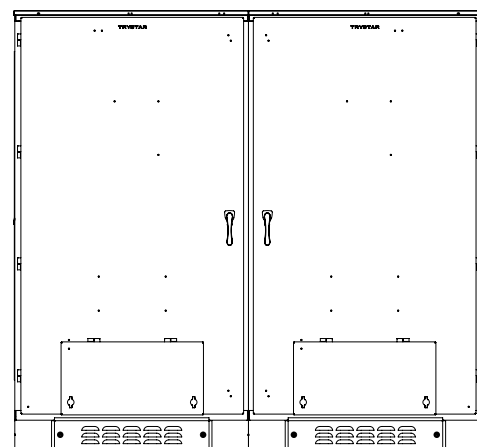
96 1/2"



**Padmount**



**Deluxe Padmount**



**Dual Padmount**

TBDS Line	Medium	Large	Padmount	Deluxe Padmount	Dual Padmount
Triple Breaker Dual Purpose Docking Station 3P Breakers	100-300A	301-600A	601-1200A	2001-4000A	2001-4000A
4Pole Breaker Configurations	Contact Factory to size 4P Configurations				
Dimensions	54" x 40" x 16"	60" x 40" x 16"	90" x 48" x 41"	90" x 79" x 43"	90" x 96" x 61"
Approx. Weight	150lb	350lb	550lb	950lb	1500lb