

**TITAN**



**TITAN IS YOUR SOLUTION!**

# TITAN

## Basic system functions

- Both manual and automatic modes for local or unattended operation
- Complete power conversion solution. No need for complicated extra switchgear and monitoring equipment

## Safety and Fault Protection

- Integrated overcurrent protection for each generator
- Output is fully isolated until converter is fully up to speed
- Incoming line power is digitally monitored for protection against under or over voltage conditions.
- Digital control system monitors all internal functions, providing you with the most reliable power conversion solution available
- Faults are diagnosed automatically and displayed on the easy to use LCD interface panel

## Computerized System Monitoring

- All systems are controlled and monitored by the built in computer for maximum reliability
- Remote communications options are available for completely unattended operation

## Power Quality

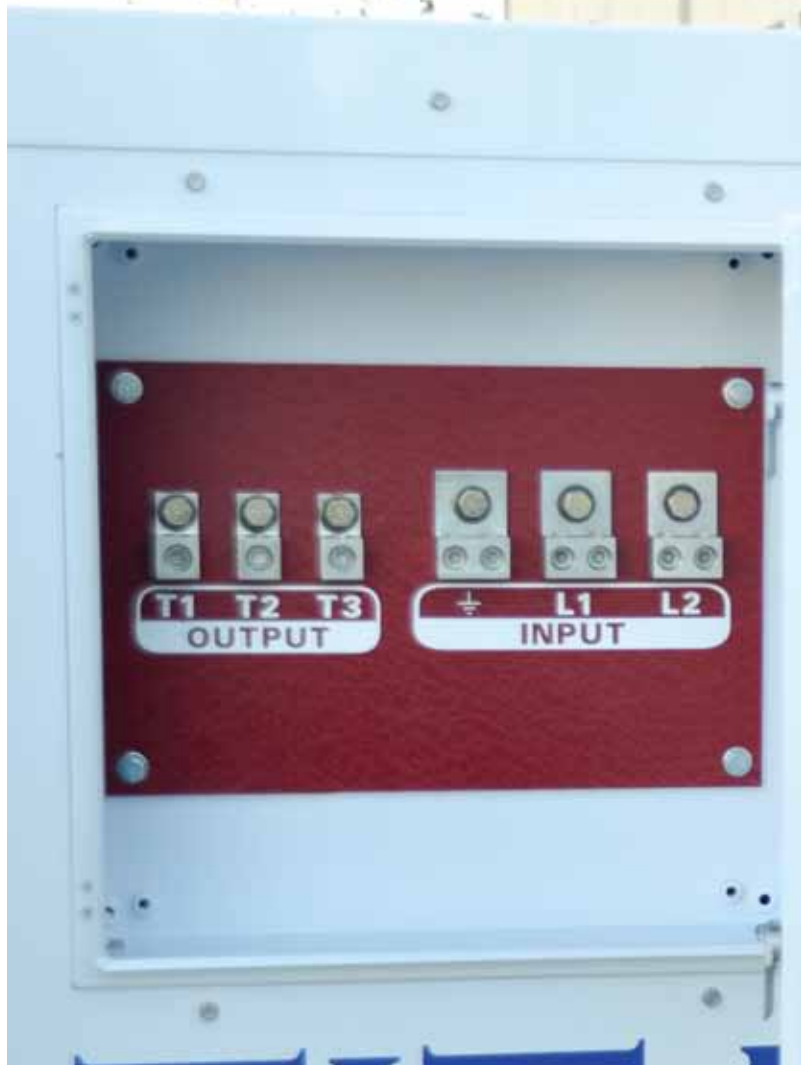
The TITAN™ line of phase conversion systems are engineered to provide stable single to three phase power. TITAN™ phase conversion systems use rotary power generation that provides the benefit of high surge capacity free of the noise and wave form distortion associated with some other phase conversion technologies.

## Multi-stage to Reduce Inrush

TEMCo TITAN™ series Phase Converters utilize a multi-staged generator starting arrangement to keep startup inrush to a minimum. This soft start technology dramatically reduces stress on utility feed equipment and prevents incoming line voltage sag normally associated with starting large industrial equipment.



# TEAN



## Standard Features

- Hand-Off-Auto controls
- 3" LCD screen for unit status and control
- NEMA 3R powder coated steel enclosure
- Customer connection panel with input and output lugs provided
- Integrated vibration dampening
- Forklift lifting provisions
- TEMCo DLC "Smart" status monitoring

## Available Options

- E-stop
- Start/stop buttons
- 3" Touch Screen
- 6" monochrome touch screen
- 6" TTF Full color touch screen
- Integrated circuit breakers or disconnect
- Expedited Production
- Remote Communication Terminals (analog)
  - Remote Stop/Start
  - Fault
  - Fault Re-Set
  - Output Ready

## Significantly Simplified installation

TEMCo uses the simplest and fastest connections systems in the industry. Save time during installation through clearly marked, committed connections points for your single phase input, three phase output and grounding connections. Just insert each wire and tighten it down; "it's that simple".

## Simple Graphical User Interface

- Easy to use HMI allows for complete control and monitoring at the touch of a button
- Quickly view converter status, output status, or any fault conditions that may exist
- Faults are displayed in plain English! No cryptic error codes or flashing lights to figure out. Once the cause of the fault is cleared, one button restores the unit to operational mode.