Load Transfer Panels
CTI Range: 63 – 160 Amps
ATI Range: 250 – 3200 Amps
Load Transfer Panels

- Providing automatic control of your standby generating set in the event of a power outage, 24 hours a day, 365 days a year

- Seamless integration with FG Wilson digital control panels
## Ratings

**CTI 63-160 Amps – ATI 250-3200 Amps**

<table>
<thead>
<tr>
<th>Model</th>
<th>Rating</th>
<th>Height mm (in)</th>
<th>Width mm (in)</th>
<th>Depth mm (in)</th>
<th>Weight kg (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTI 63</td>
<td>63 A</td>
<td>600 (23.6)</td>
<td>400 (15.7)</td>
<td>200 (7.9)</td>
<td>19 (41.8)</td>
</tr>
<tr>
<td>CTI 100</td>
<td>100 A</td>
<td>600 (23.6)</td>
<td>400 (15.7)</td>
<td>200 (7.9)</td>
<td>19 (41.8)</td>
</tr>
<tr>
<td>CTI 125</td>
<td>125 A</td>
<td>600 (23.6)</td>
<td>400 (15.7)</td>
<td>200 (7.9)</td>
<td>19 (41.8)</td>
</tr>
<tr>
<td>CTI 160</td>
<td>160 A</td>
<td>600 (23.6)</td>
<td>400 (15.7)</td>
<td>200 (7.9)</td>
<td>19 (41.8)</td>
</tr>
<tr>
<td>ATI 250</td>
<td>250 A</td>
<td>900 (35.4)</td>
<td>600 (23.6)</td>
<td>323 (12.7)</td>
<td>39 (86.0)</td>
</tr>
<tr>
<td>ATI 400</td>
<td>400 A</td>
<td>900 (35.4)</td>
<td>600 (23.6)</td>
<td>323 (12.7)</td>
<td>44 (97.0)</td>
</tr>
<tr>
<td>ATI 630*</td>
<td>630 A</td>
<td>1100 (43.3)†</td>
<td>600 (23.6)</td>
<td>398 (15.7)</td>
<td>66 (145.5)</td>
</tr>
<tr>
<td>ATI 800*</td>
<td>800 A</td>
<td>1375 (54.1)</td>
<td>775 (30.5)</td>
<td>600 (23.6)</td>
<td>125 (275.6)</td>
</tr>
<tr>
<td>ATI 1000*</td>
<td>1000 A</td>
<td>1375 (54.1)</td>
<td>775 (30.5)</td>
<td>600 (23.6)</td>
<td>130 (286.6)</td>
</tr>
<tr>
<td>ATI 1250*</td>
<td>1250 A</td>
<td>1800 (70.8)</td>
<td>1005 (39.6)</td>
<td>775 (30.5)</td>
<td>230 (507.1)</td>
</tr>
<tr>
<td>ATI 1600*</td>
<td>1600 A</td>
<td>1800 (70.8)</td>
<td>1005 (39.6)</td>
<td>775 (30.5)</td>
<td>330 (727.7)</td>
</tr>
<tr>
<td>ATI 2000*</td>
<td>2000 A</td>
<td>2200 (86.6)</td>
<td>1000 (39.4)</td>
<td>1000 (39.4)</td>
<td>400 (881.8)</td>
</tr>
<tr>
<td>ATI 2500*</td>
<td>2500 A</td>
<td>2200 (86.6)</td>
<td>1000 (39.4)</td>
<td>1000 (39.4)</td>
<td>400 (881.8)</td>
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<tr>
<td>ATI 3200*</td>
<td>3200 A</td>
<td>2200 (86.6)</td>
<td>1000 (39.4)</td>
<td>1000 (39.4)</td>
<td>400 (881.8)</td>
</tr>
</tbody>
</table>

*Floor Standing  †Height from top cable entry model will change to 1350mm (53.1in)
Why Buy?

- Fully automatic mains failure sensing and generator set start signal
- Pre-programmed enabling the panel to run on installation with the ability to customise if necessary
- Fast acting switches reduce transfer times between set and utility power
- Available from 63 – 3200A
- Seamless integration with FG Wilson digital control Panels
- Automatic and manual operation
- Automatically provides generator set start signal upon detection of mains failure, overvoltage or loss of phase
- Automatic mains re-transfer function
- Flexible, upgradeable options
- Test operations and sequences accessible from panel or remotely
- Manual switch operation possible via external handle
- LED functions display showing generator set / mains availability and switch position
- LCD display for voltage and timers
- Load transfer panel range meets ATS IEC 60947-6-1 standard
Auto/Manual/Test Mode Status Indication
Allows on/off load tests at routine service checks.

Padlockable
Switch can be padlocked in three positions for added security and safety. Only possible in manual operation mode.

Keypad
For straightforward programming and testing. Password protection is included.

LCD Display
Shows detailed status of system at all times for greater awareness and control.
CTI Standard Product Features

- **Manual Handle**: Fully integrated handle for manual operation.
- **Control Terminals**: Generating set remote start signal and terminals for remotely monitoring the system.
- **Auxiliary Controls**: Auxiliary inputs for automatic control, remote test on load and manual re-transfer.
- **Wall Mounting**: Panel can be wall mounted for greater flexibility in positioning.
CTI Standard and Optional Features

Ratings: 63 – 160 Amps
CTI Standard Product Features

Top and Bottom Cable Entry
Improving ease of installation.

System Status Indicators
Shows status of utility power, generating set and switch at all times.

Programmable Countdown Timers
Set routine times for delay on starts, delay on transfer, delay on re-transfer and run on timer.
CTI Optional Product Features

Voltage Sensing Tap
Allows for pole voltage sensing.

Solid Neutral Kit
Allows the connection of neutral cables from utility power, generating set and load without having the neutral broken by the switch during transfer operations.

Auxiliary Contacts
Auxiliary / volt free contacts for remotely monitoring the switch position.

Terminal Shroud
For added protection.

CTI Optional Product Features
CTI Optional Product Features

Load Terminal Extension
Improving ease of installation

Lightning Protection
Ensures the safety of system during lightning storms (includes volts free contacts for utility power and generating set).

Ingress Protection IP54
Protection for the control panel.
ATI Standard and Optional Features

Ratings: 250 – 3200 Amps
ATI Standard Product Features

**Two Wire Start Signal**
Simple two wire connection for automatic control.

**Wall Mounting Kit**
Panel can be wall mounted for greater flexibility in positioning. (ATI 250 and 400 only)

**Bottom Gland Plate**
Removable gland plate providing increased accessibility with a sizeable area for utility power and generating set cables to be connected.

**Manual Handle**
Fully integrated handle for manual operation.

**Padlockable**
Switch can be padlocked in all three positions for added security and safety.

Image is for illustration purposes only
ATI Standard Product Features

System Status Indication
Shows status of utility power, generating set and switch at all times.

Keypad
For straightforward programming and testing. Password protection is included.

LCD Display
Shows detailed status of system at all times for greater awareness and control.

Auto/Manual/Test Mode Status Indication
Allows on/off load tests at routine service checks.

Programmable Countdown Timers
Set routine times for delay on starts, delay on transfer, delay on re-transfer and run on timer.
ATI Optional Product Features

RS485 Communications Module
Enables access to the system remotely through telephone or PC via modem.

Solid neutral+
Allows the connection of neutral cables from utility power, generating set and load without having the neutral broken by the switch during transfer operations.

Auxiliary Contacts*
Auxiliary / volt free contacts for remotely monitoring system: switch position, padlock and automatic or manual operation.

Volt Free Contacts
For power available and generator available

Power Metering+
To measure load current, kW, kVAR, kVA, power factor.

Lightning Protection
Ensures the safety of system during lightning storms (includes volts free contacts for utility power and generating set).

* Standard on 2000-3200A
+ Not available on 2000-3200A

Image is for illustration purposes only
ATI Optional Product Features

- **Top Cable Entry+**
  Improving ease of Installation.

- **Ingress Protection IP54***
  Protection for the control panel.

* Standard on 2000-3200A
+ Not available on 2000-3200A

Image is for illustration purposes only
Summary

- Fully automatic mains failure sensing and generator set start signal
- Seamless integration with FG Wilson digital control Panels
- The Load Transfer Panel range offers electronically controlled response to power outages
- ATI and CTI are flexible products with a range of optional features