

Standard Features

- ▶ **Motorised Mechanically Held Switch**
Facility for manual changeover
- ▶ **Status Indication**
Utility power available
Utility power on load
Generator available / Generator on load
Utility power and generator off load
Manual mode / Automatic mode
Test on load / Test off load
Manual re-transfer enabled/required
Power / Error indication (LED)
- ▶ **Facia**
Symbolic icons to allow for multi languages
- ▶ **Liquid Crystal Display (LCD)**
Utility power L12, L13, L23 voltage
Utility power L1N, L2N, L3N voltage
Generator L13 voltage
Utility power frequency / Generator frequency
Number of commutation(service counter)
Timer settings
- ▶ **Standards**
Complete enclosure meets standard IEC 60947-6-1
Switch meets standard AC31B

- ▶ **Controls**
Under/over frequency failure
Under/over frequency restoration
Manual/auto re-transfer
Mode select push button
Under/over volts failure
Under/over volts restoration
Delay on start timer
Delay on transfer
Delay on re-transfer
Dead band timer
Run on timer
Auto/manual control keyswitch
Lamp test pushbutton
Padlock facility

Optional Features

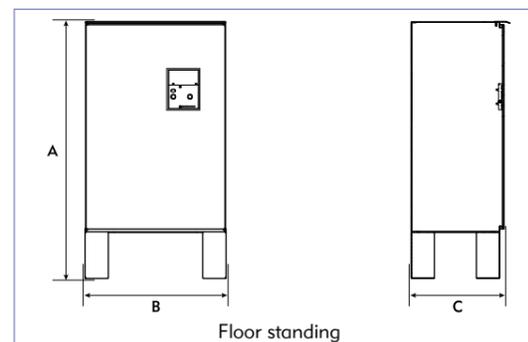
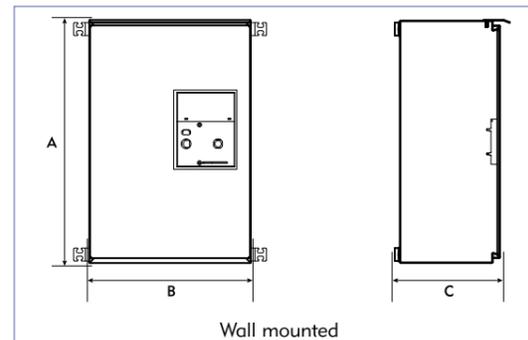
- ▶ **Top Cable Entry**
- ▶ **Auxiliary Contacts** for switch position, padlocking & auto/manual
- ▶ **Lightning Protection** ensuring the safety of system during lightning storms
- ▶ **Water Ingress Protection IP54** protection for the control module
- ▶ **Volt Free Contacts** for utility power available & generator available
- ▶ **Power Metering** to measure load current, kW, kVA, kVA, Power factor
- ▶ **Communications Module** Plug in module that uses Jbus/modbus protocol to allow remote communication of the change over system

Panel Weights and Dimensions

Model	Rating	A mm (in)	B mm (in)	C mm (in)	Weight kg (lb)
ATI 63	63 Amps	600 (23.6)	400 (15.7)	248 (9.8)	21 (46.3)
ATI 100	100 Amps	600 (23.6)	400 (15.7)	248 (9.8)	21 (46.3)
ATI 125	125 Amps	600 (23.6)	400 (15.7)	248 (9.8)	21 (46.3)
ATI 250	250 Amps	900 (35.4)	600 (23.6)	323 (12.7)	39 (86.0)
ATI 400	400 Amps	900 (35.4)	600 (23.6)	323 (12.7)	44 (97.0)
ATI 630*	630 Amps	1100 (43.3) [†]	600 (23.6)	398 (15.7)	66 (145.5)
ATI 800*	800 Amps	1375 (54.1)	775 (30.5)	600 (23.6)	125 (275.6)
ATI 1000*	1000 Amps	1375 (54.1)	775 (30.5)	600 (23.6)	130 (286.6)
ATI 1250*	1250 Amps	1800 (70.8)	1005 (39.6)	775 (30.5)	230 (507.1)
ATI 1600*	1600 Amps	1800 (70.8)	1005 (39.6)	775 (30.5)	330 (727.7)

* Floor standing. [†] Top cable entry model 1350 mm (53.1 in)

From your local dealer



24 Hour power protection 365 days a year !

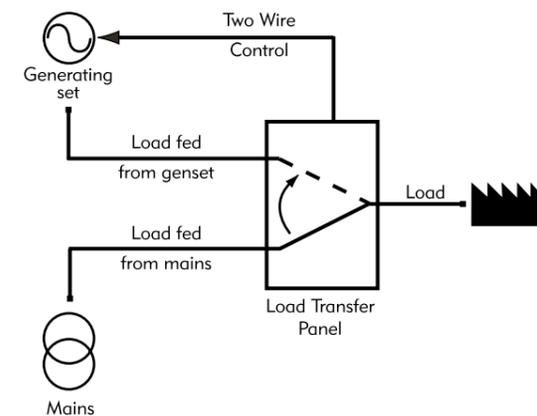
FG Wilson's range of intelligent load transfer panels gives you **peace of mind**. When the utility power goes off your genset comes on.

The FG Wilson ATI series load transfer panel offers a compact, electronically controlled response to power outages. With flexible, upgradeable options and a high level of functionality the ATI range provides 24 hour automatic control of standby generating sets, 365 days a year.

Why should you choose an FG Wilson ATI series load transfer panel ?

- ▶ Automatic & manual operation for increased reliability
- ▶ Manual operation possible without opening the panel
- ▶ Complete enclosure meets IEC 60947-6-1 standard
- ▶ Simple network configurations
- ▶ Test operations and sequences are accessible from front panel or remotely

Illustration of Load Transfer Panel



ATI Series



Load Transfer Panel



FG Wilson has manufacturing facilities in the following locations:

Northern Ireland • Brazil • China • India • USA

With headquarters in Northern Ireland, FG Wilson operates through a Global Dealer Network. To contact your local Sales Office please visit the FG Wilson website at www.FGWilson.com



RS485 Communications module

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



Two wire start signal

Uncomplicated two wire connection for automatic control.



Manual handle

Fully integrated handle for manual operation.



Solid neutral

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



Padlockable

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



Wall mounting kit

Panel can be wall mounted for greater flexibility in positioning (Up to ATI 400).



Bottom gland plate

Removable gland plate providing increased accessibility with a sizeable area for utility power and genset cables to be connected.



Power metering

To measure load current, kW, kVA, kVA, Power factor.



Programmable countdown timers

Set routine times for delay on gen-start, delay on transfer, delay on re-transfer, run on timer.



LCD display

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



Lightning protection

Ensures the safety of system during lightning storms (Includes Volts free contacts for utility power and genset).



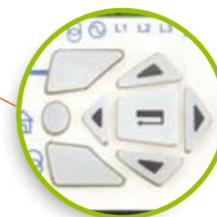
Test mode status indication

Allows on/off load tests at routine service checks.



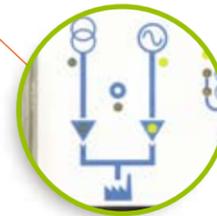
Keypad

For uncomplicated programming and testing. Password protection is included.



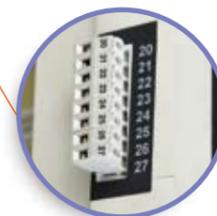
System status indication

Shows status of utility power, genset and switch at all times.



Auxiliary controls

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



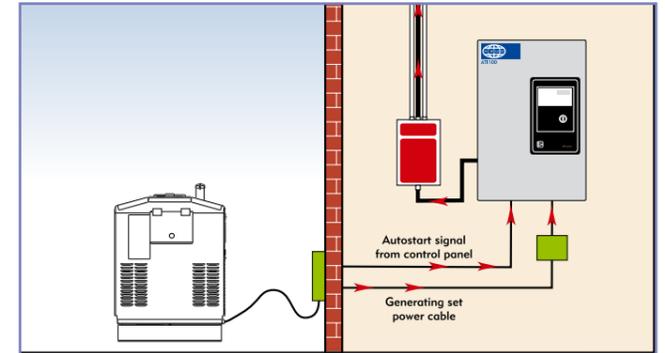
Key:

- - standard feature
- - optional feature



Installation

► Typical installation set up.



Wall Mounting Panels

► Wall mount with ease, with fixings included as standard.



Ingress Protection (Optional)

► This option provides protection from both the elements and unwanted intruders. The panel is situated behind a viewable perspex lockable door giving the control module water ingress protection that meets IP54 standard.



Top Cable Entry (Optional)

► Flexible cable positioning aids eased installation.

