

24 Hour POWER PROTECTION !

365 days a year !

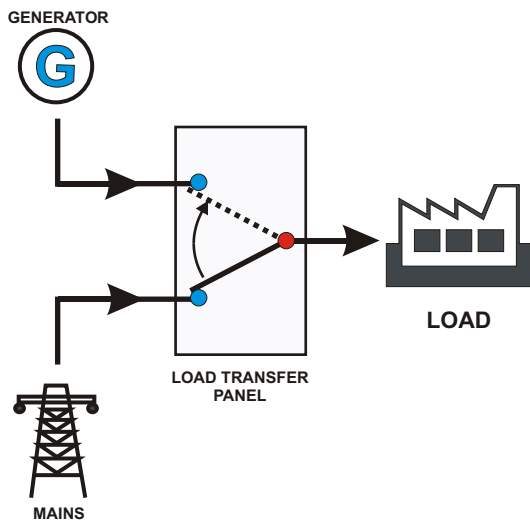
R.A Group range of intelligent load transfer panels gives you **peace of mind**. When the utility power goes off your genset comes on.

The **R.A Motorized ATS** series load transfer panel offers a compact, electronically controlled response to power outages. With flexible, upgrade able options and a high level of functionality the ATS range provides 24 hour automatic control of standby generating sets, 365 days a year !!!

Why should you choose a R.A ATS series load transfer panels ?

- Automatic & manual both operation for increased reliability.
- Complete enclosure meets International standard.
- Test operations and sequences are accessible from front panel or remotely

ILLUSTRATION OF LOAD TRANSFER PANEL



Floor Standing Panel Dimensions. 3 Pol

Model	Rating	A: mm (in)	B: mm (in)	C: mm (in)
R.A 100 Kva	150 Amps	1200 (48.0)	600 (24.0)	600 (24.0)
R.A 160 Kva	250 Amps	1200 (48.0)	600 (24.0)	600 (24.0)
R.A 250 Kva	400 Amps	1600 (64.0)	600 (24.0)	600 (24.0)
R.A 400 Kva	630 Amps	1600 (64.0)	600 (24.0)	570 (22.0)
R.A 500 Kva	800 Amps	2000 (80.0)	800 (32.0)	800 (32.0)
R.A 800 Kva	1250 Amps	2000 (80.0)	800 (32.0)	800 (32.0)
R.A 1000Kva	1600 Amps	2000 (80.0)	800 (32.0)	800 (32.0)



R.A Electronic Group

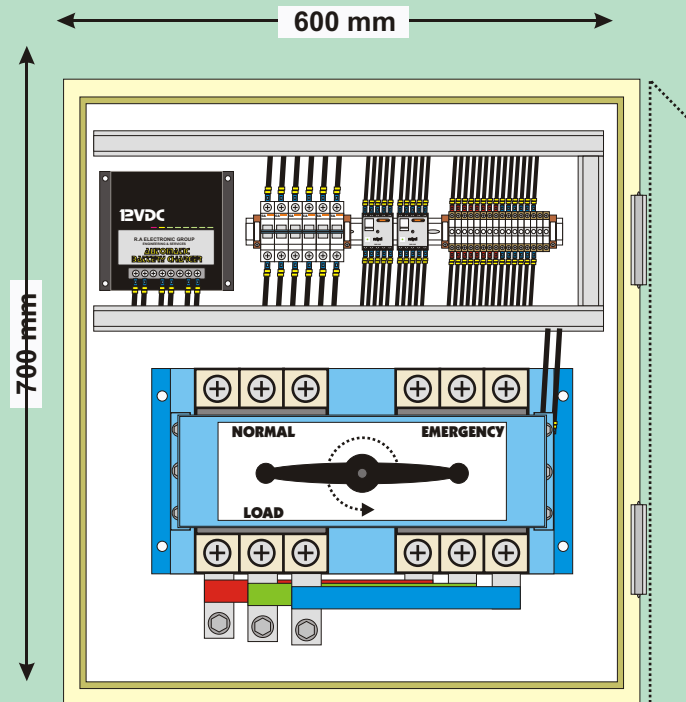
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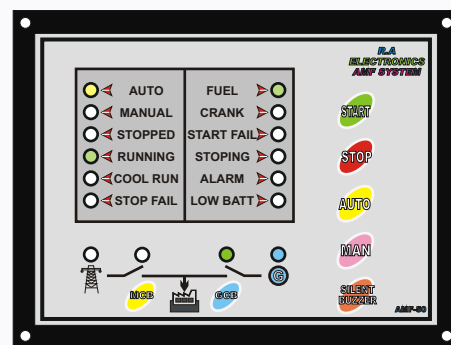
R.A Electronic Group

RA-ATS Series



700 X 600 X 250 mm

AMF MODULE



AMF-50

**LOAD
TRANSFER PANELS**



R.A Electronic Group

LOAD TRANSFER PANELS

The **R.A.Group** range of intelligent load transfer panels operates in conjunction with our auto start generating set control panels and incorporate the latest state of the art control technology.

The panels uses a mechanically held motorized switch to transfer the load between the mains and the generating set. In the event of mains failure the control logic will automatically start the generating set and transfer the load.

Only a four wire control interconnection to the generating set control panel is necessary.

The motorized switch can also be manually operated in the event of failure of any other part of the system. A further benefit of the switch is that it will remain mechanically held in position despite any fluctuations in supply. In addition, should maintenance be required on the control system the switch will remain in position and can be still be operated manually.

For ease of access the Printed Circuit Board (PCB) is mounted on a hinged lock-able access door. While with modular type of AMF Unit , the unit is mounted on the front of the panel . The PCB / Modular AMF will operate with any 3 phase voltage from 220 to 440 volts (50 or 60 Hz) and can easily be converted for single phase operation.

Upto 60kVA the panels are wall mounting type , while from 100kVA to above all panels are of the floor standing type & of modular construction and designed for bottom cable entry.

They consist of a robust screw together steel frame with exterior cladding plates, switch mounting chassis and gland plate. All are painted with polyester powder to ensure a high degree of scuff resistance and durability. The construction permits the panel to be completely dismantled and re assembled on site in the case of difficult access.

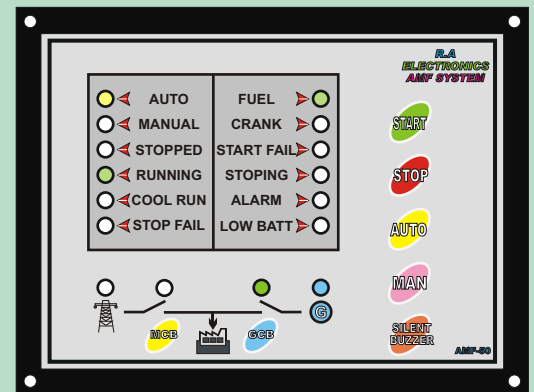
All floor standing panels have internal shrouding for operator safety when manually operating the switch.

* Load Transfer panel pictured may include optional accessories. *

Standard Features

- Motorized Switch Mechanically held type..
- Status Indication
- Mains Available
- Mains On Load
- Generator Available
- Generator On Load
- Voltage Range - 220 to 440 volts
- Frequency - 50 or 60 Hz
- Controls Mode Push Switches
- Auto / Manual / Engine Start Stop
- Built-in Mains Voltage Sensing (50 - 220V AC)
- Delay on Start Timer
- 3 Attempts Cranking
- Generator Voltage Sensing (50 - 220V AC)
- Delay On Transfer Timer
- Delay on Retransfer Timer
- Cool Down Timer Factory setting 120 seconds

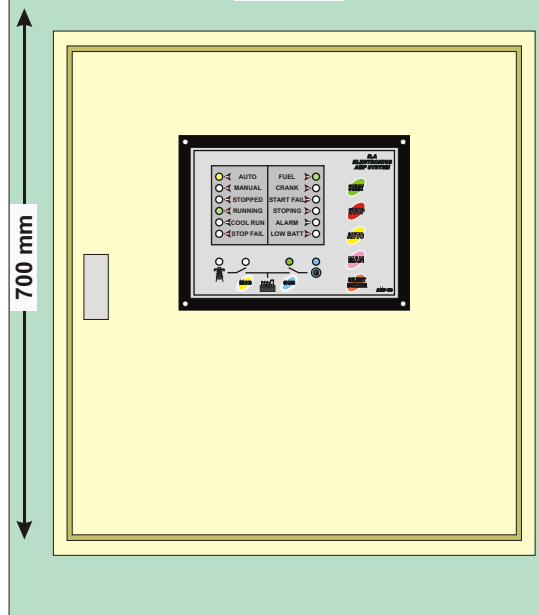
AMF AVAILABLE MODEL



AMF-50

RA-ATS Series

600 mm



Karachi Office.

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