**AMF panel:**

AMF Panel is used for the automation operation of the Genset. It monitors the power availability of both "MAINS" and "GENERATOR" automatically, and delivers you the healthy power continuously; on the other hand it will monitor the operation state for Generator while the Generator is running. During abnormal or common faults of generators, AMF Panel will give you both visual (by LED) and audio signal feedback.

* Features: Auto Start & Auto Stop the Genset when Mains Fails & restore respectively.
* Cranking standard: three cranking attempts with 15 sec intervals.
* Low/high Voltage Protection, Reserve phase protection (optional)
* Digital Volt,Amp., HZ. Meters & 5 indications for mains, DG and load in display.
* Auto/ Manual mode selector available, automatically changes line from Mains and Gen Line and vice versa.
* Mains restoration delay time: 10 sec, start delay time: 3-5 sec. cool down time: 30-40 sec, DG output delay time: 8-10 sec.
* Contactor Coil Voltage: 180-260 VAC & Pre Magnetic Contactor Coil Voltage 130-280 VAC

Usage/Application :Gensets

Degree of Protection :IP44

Power :3 phase

Model Name/Number AMF100

IP Rating :Ip44

Dimension :450x450x250mm

Type of Control Panel Microcontrol

Phase Type :3 - Phase

Frequency :50 Hz

Power Source :Electrical

Capacity :100 A

Automatic Grade :Automatic, Semi-Automatic

Operating Voltage Range :180-260 VAC

AMF Panel(Auto Man Failure panel) normally connected to the generator set to control the generator set function. Whenever normal supply serve to main switch board failed, the AMF panel will send the power failure signal to generator set. Then the generator set will run and serve the supply to main switch board.

**Features of AMF Panel**

1. Used for Controlling Generator function automatically.

2. Auto start and Auto stop with 3 Time Cranking with cranking time of 15 sec.

1. Available with 63-150 A. single/three phase with Auto changeover.

2. PMC based AMF Panel suitable from 5 to 75 KVA DG.

3. Contactor base AMF Panel suitable from 10 to 400 KVA DG.

4. Relay based AMF Panel suitable from 5 to 63 KVA DG.

5. Low/high Voltage & Phase reverse Protection. (Optional)

Courtesy: **S S Power System**