



Specification of generator set

ATS Maquinarias Ltda

Control box (Templet)



Features

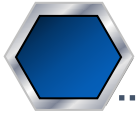
- User ID display function
- Parameters can be fully configured through PC software
- LED and LCD alarm lamps
- Magnetic sensor speed detection
- Work mode selectors (switchable)
- Preset auto start/stop cycle
- Fuel quantity detection, low oil level alarm
- Voltage measurement
- Current measurement
- Generator /mains circuit breaker control
- Plug terminal type wiring design
- Power saving mode
- Switch between generator /mains load
- Upgradeable Firmware

Operation brief

- It is controlled by start, stop, auto and manual buttons on the panel
- The user can set the data of the module through the panel button, or the setting data can be uploaded through the configuration operation software via USB interface

Advantage

- The real-time clock provides accurate event logging
- Provide free PC software license
- Advanced PCB layout ensures high quality of modules
- Modular design, excellent stability
- Various communication interfaces available



ATS (Auto transfer system) optional



Function

Particular ATS controller, which combines measurement, display, control for the automatic control on mains/mains or mains/ generator system.

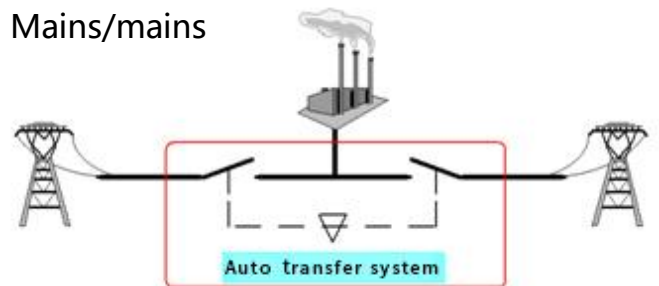
Note: communication function requires extra communication module. The picture is for reference only. The specific model is subject to the quotation

Features

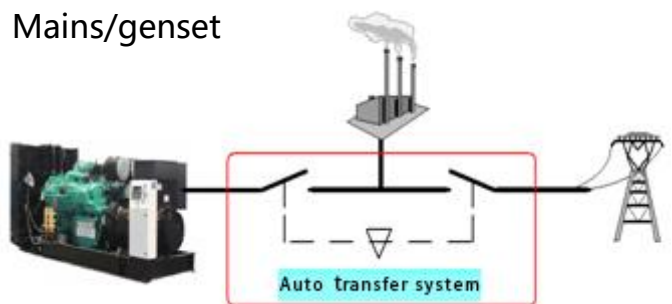
- Microcomputer control, all digital technology
- Display the operating state of ATS and the operation mode of controller directly through the LCD screen
- Operating parameters can be input via the LCD screen and the keys of controller
- Measuring data (including voltage/frequency) through LCD screen
- PC-level switch and electromagnetic driven structure can realize fast on-load switching of two power sources (switching time $\leq 80\text{ms}$)
- Electrical and mechanical double interlock mechanism, the main loop contact for the two static structure, the moving contact using a "V" design, from the design to ensure that the two power supply will not be shortcircuit.
- Coil control power supply can be provided by the main and standby AC or DC power supply, without additional control power supply

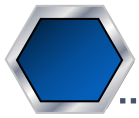
Case

Mains/mains



Mains/genset





Accessories list



Standard accessories



- Engine
- Alternator
- Chassis
- Control box
- Controller for single unit
- Circuit breaker (up to 1200kW)
- Industrial muffler
- Flange of muffler
- Bellow joint
- Shock absorber
- Base fuel tank (up to 200kW)
- Test report
- Certificate of quality
- Schematic diagram
- Installation manual
- Operation manual



Optional accessories



- | | | |
|--|--|----------------------------------|
| <input type="checkbox"/> Daily fuel tank/bulk fuel tank | <input type="checkbox"/> Exhaust pipe | ComAp controller |
| <input checked="" type="checkbox"/> Residential silencer | <input type="checkbox"/> Hot air discharge duct | <input type="checkbox"/> MRS16 |
| <input type="checkbox"/> Power cable | <input type="checkbox"/> RS485 extension module | <input type="checkbox"/> AMF25 |
| <input type="checkbox"/> Anti condensation heater (alternator) | <input type="checkbox"/> Ethernet communication | <input type="checkbox"/> IG200 |
| <input checked="" type="checkbox"/> battery charger | <input type="checkbox"/> Cloud monitor | <input type="checkbox"/> IG-NTC |
| <input type="checkbox"/> Water jacket heater | <input type="checkbox"/> ATS panel | <input type="checkbox"/> IM-NT |
| <input type="checkbox"/> Oil heater | <input type="checkbox"/> Motorized circuit breaker | Smartgen controller |
| <input checked="" type="checkbox"/> Fuel level sensor | <input type="checkbox"/> Synchronizing system | <input type="checkbox"/> HGM4010 |
| <input type="checkbox"/> Auto oil make-up device | <input type="checkbox"/> Spare parts | <input type="checkbox"/> HGM4020 |
| <input type="checkbox"/> Auto fuel filling device | Deepsea controller | <input type="checkbox"/> HGM6110 |
| <input checked="" type="checkbox"/> Soundproof enclosure | <input type="checkbox"/> DSE6020 | <input type="checkbox"/> HGM6120 |
| <input type="checkbox"/> Containerized enclosure | <input type="checkbox"/> DSE7320 | <input type="checkbox"/> HGM9510 |
| <input type="checkbox"/> Trailer | <input type="checkbox"/> DSE8610 | <input type="checkbox"/> HGM9520 |
| | <input type="checkbox"/> DSE8620 | |
| | <input type="checkbox"/> DSE8660 | |