

Description

Main generator control panel is in hands of PLC, which is fully automatic diesel generator electricity measurement control system. There are three parts of entire system, alarm system, security system and control system.

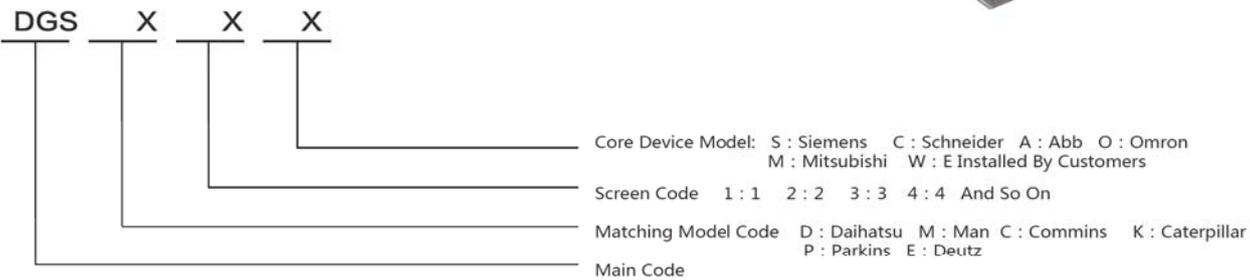
Alarm system: inspect and indicate diesel engine running speed, oil pressure, cooling water temperature, Oil temperature and exhaust temperature. And add up and indicate working time. Implement timely monitoring of above parameter according to users' setting. It will make audio – light alarm and remote alarm signal when parameter is over the limit. It also has two alarm functions. Fuel leakage and other external passive warning signals and security system breakdown passive warning signals, which is done by alarm system and sound warning indicator. And configure water heating function and warning function of three times overlock fail.

Security system: Monitor diesel engine running speed, lub-oil pressure, cooling water temperature and other key information. It will signal the stop when parameter exceeded stop value. Security system protect to pull up suddenly.

Control system: the control unit is consist of raising speed, reducing speed, starting, stoping, machine side and power switch. So it composes highly automated diesel power station.



Product Model



Products Features

Basic configuration function

- Continuous measurement, alarm limit and protection of diesel engine working condition.
- Remote control auto – start
- Auto–stop
- Detect automatically
- Machine/remote control change

Expansion configuration function

- Diesel engine lifting– reducing speed control
- Hot and cold water pre–heating
- Lube oil pre–providing
- Steady–state speed control
- Machine running time accumulation
- Voltage measurement and monitoring of battery

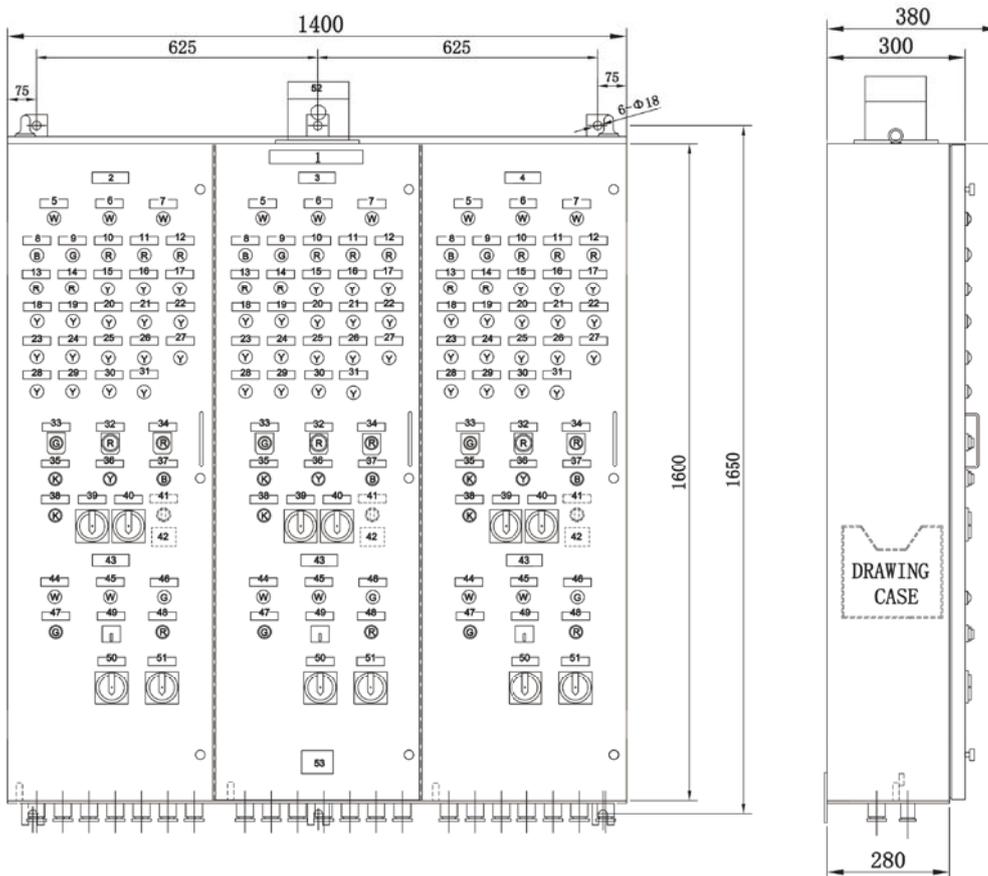
1~3500r/synchronous rotation setting range

The maximum start success time of diesel engine 45s

Technical Parameter

Main Power Supply	AC 220V
Emergency Power Supply	DC24V
Environmental Temperature	-20°C~55°C
Environmental Humidity	≤95%
Allowable Slope	22.5° heeling, rolling allowable slope
Energy Fluctuation	AC220V , Steady +6% ~ -10% ;
Protection Level	IP44
Analog Input	Product outline example
According To Model To Match	Product outline example
Pt100 Input	Product outline example
K Switch Input	Product outline example

Product Outline Example



Performance

- Anqing CSSC Diesel Engine Co. Ltd
- Shanxi Diesel Engine Heavy Industry Co.,Ltd.

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