

HGM7220N/HGM7220S

发电机组控制器

GENSET CONTROLLER



简介

用于单台发电机组的自动化控制，AMF、自带网络通信模块支持云监控功能，HGM7220S 支持同步切换，适用于非电喷机组和电喷机组。

特点

- 通过CAN接口实现两台机组循环开机功能
- AMF功能
- 支持语言包写入，内置多种语言,主页可选择4/8参数显示
- 支持高压机组
- 黑匣子功能，可记录5条停机前1分钟的详细数据
- RS485通讯接口，支持MODBUS协议
- HGM7220S支持市电同步切换功能
- 油压和可编程传感器1支持电阻、电压和电流型传感器
- 支持水泵机组或仪表模式
- SMS功能，可向设置的5个手机号发送报警信息或查询机组状态
- GPS定位功能，获取机组的位置信息
- 历史记录、实时时钟、定时开关机

Overview

It is used for the automatic control of single genset, the HGM7220S features AMF and a built-in network communication module that supports cloud monitoring. It also supports synchronized switching and is suitable for both non-ECU and ECU genset.

Features

- Circular start of two gensets via CAN interface
- AMF function
- Support language pack loading, multiple built-in languages. The homepage allows selection of 4 or 8 parameters for display
- Support high voltage genset
- Black box function allows it to record 5 items of detailed data from the one minute prior to shutdown
- RS485 communication port, which supports MODBUS protocol
- The HGM7220S supports synchronization and switching with the mains power supply
- Oil pressure and Flex. sensor 1 support resistive, voltage, and current-type sensors
- Applicable for pumping units as indicating instrument
- SMS function: can automatically issue alarm information to 5 mobiles set previously or check genset status by messages
- GPS positioning function: catching genset position information
- Event log, real-time clock, scheduled start & stop

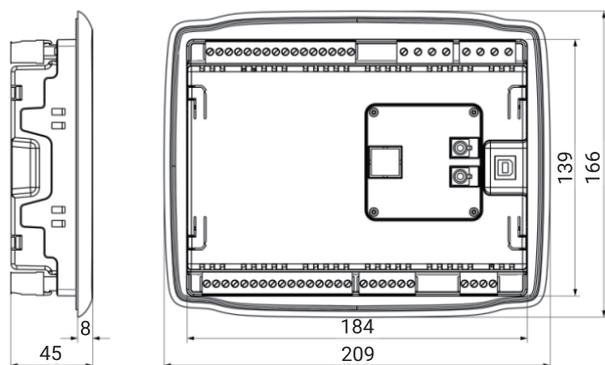


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|--|---|--|
| 直流供电 DC Power | DC(8~35)V连续供电 功耗: <4W(待机: ≤2W) | DC(8~35)V continuous power supply Power Consumption: <4W(Standby mode: ≤2W) |
| 转速传感器 电压 Speed Sensor Voltage | 1.0V至24V(有效值) | 50Hz/60Hz |
| 电压和电流 Voltage & Current | 三相四线 AC(15~360)V (ph-N) 三相三线 AC(30~620)V (ph-ph) 单相二线 AC(15~360)V (ph-N) 二相三线 AC(15~360)V (ph-N) 额定: 5A | 3P4W AC(15~360)V (ph-N) 3P3W AC(30~620)V (ph-ph) 1P2W AC(15~360)V (ph-N) 2P3W AC(15~360)V (ph-N) Rated: 5A |
| 防护等级 IP Rating | 前面板: IP65 | Front Panel: IP65 |
| 绝缘强度 Dielectric Strength | 在交流高压端子与低压端子之间施加AC2.2kV电压, 1min内漏电流不大于3mA | Apply voltage of 2.2kVAC between AC high voltage terminal and low voltage terminal, and the leakage current is not more than 3mA in 1 minute |
| 尺寸 Dimensions | 外形尺寸: 209 × 166 × 45mm 开孔尺寸: 186 × 141mm | Overall Dimensions: 209 × 166 × 45mm Panel Cutout: 186 × 141mm |
| 环境 Environment | 工作温度: (-25~+70)°C 工作湿度: 相对湿度: (20~93)%RH 贮存温度: (-30~+80)°C | Working Temperature:(-25~+70)°C Working Humidity: (20~93)%RH Storage Temperature: (-30~+80)°C |

● 尺寸 Dimensions

单位(Unit): mm

● 端口 Ports



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| 直流工作电源和急停 DC Power & E-Stop | 开关量输出(8) Digital Output (8) | D+ | 发电电压采样 Gen. Voltage Sample | 市电电压采样 Mains Voltage Sample | | |
| | | | | SGE02 | USB | |
| 转速 Speed | 开关量输入(7) Digital Input (7) | 模拟量输入(5) Analog Input (5) | DC+5V | CAN BUS | RS485 | 电流采样 Current Sample |