

HGM6100LT系列 发电机组控制器

GENSET CONTROLLER



HGM6110LT



HGM6120LT

简介

HGM6100LT 系列发电机组控制器适用于单台发电机组的自动化控制及监控系统，适应极低温 / 高温 (-40 °C ~+70 °C) 环境，支持电喷机组和非电喷机组。

HGM6110LT 支持单机自启动。
HGM6120LT 支持 AMF 功能。

特点

- 自定义开机界面，标配USB接口
- 自定义主题功能
- 多种语言可选
- 支持高压机组
- 过流延时可设置定时限和反时限
- 具有历史记录功能（上限99条）
- 定时开停机设置和维护功能
- 分相有功功率、总有功功率显示
- 支持国IV发动机
- 过压/欠压、过频/欠频、过流、过功保护功能
- 以太网接口支持TCP/IP Modbus协议或云监控
- 工作温度范围宽(-40°C ~+70°C)

Overview

It is used for the automatic control and monitoring system of single genset, which can operate normally under extreme low/high temperature environment (-40°C ~+70°C). The controller is suitable for ECU and non-ECU engines.

HGM6110LT supports automatic start of single genset.
HGM6120LT supports AMF function.

Features

- Custom start interface, and fitted with standard USB port
- Custom theme function
- Multiple languages to select
- Support high voltage genset
- Over current delay supports DMT and IDMT setting
- Event log function (max. 99 logs)
- Scheduled start/stop setting and maintenance function
- Active power and total active power display for each phase
- Support China IV engines
- With over/under voltage, over/under frequency, over current and over power protection functions
- Ethernet port supports TCP/IP Modbus protocol or cloud monitoring
- Wide operating temperature range (-40°C ~+70°C)

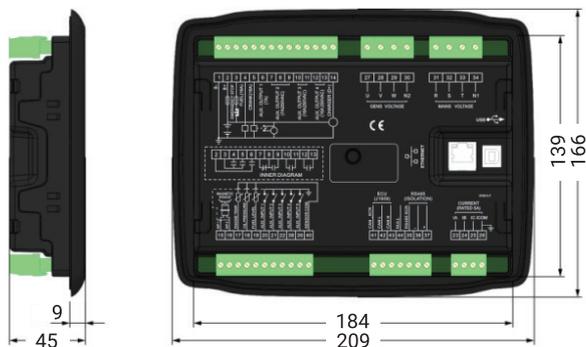


直流供电 DC Power	DC(8~35)V连续供电 液晶不加热: <6W(待机时≤2W) 液晶加热: <10W(待机时≤6W)	DC(8~35)V continuous power supply LCD Heating off: <6W (Standby mode: ≤2W) LCD Heating on: <10W (Standby mode: ≤6W)
交流发电机 频率 Alternator Frequency	50Hz/60Hz	50Hz/60Hz
电压和电流 Voltage & Current	三相四线 AC(15~360)V (ph-N) 三相三线 AC(30~620)V (ph-ph) 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	IP65: 当控制器和控制屏之间加装防水橡胶圈时	IP65: when waterproof rubber gasket is installed between controller screen and enclosure
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: (-40~+70)°C 工作湿度: 相对湿度(20~93)%RH 贮存温度: (-40~+70)°C	Working Temperature: (-40~+70)°C Working Humidity: (20~93)%RH Storage Temperature: (-40~+70)°C

● 尺寸 Dimensions

单位(Unit): mm

● 端口 Ports



直流工作电源 和急停 DC Power & E-Stop	开关量输出(6) Digital Output (6)	D+	发电电压采样 Gen. Voltage Sample	市电电压采样 (HGM6120LT) Mains Voltage Sample	
			ETHERNET	USB	
转速 Speed	模拟量 输入(3) Analog Input (3)	开关量 输入(5) Digital Input (5)	CAN BUS	RS485	电流采样 Current Sample