Fixed Installation Auto Start Genset Controller HGM6120N AC Single Phase Output

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Golden Electric /OEM
- Certification: ISO 9001, ISO 9000, ISO 14001, ISO 14000, ISO 20000, OHSAS/ OHSMS 18001, IATF16949
- Minimum Order Quantity: 1
- Packaging Details: Carton/Pallet
- Delivery Time: Peak Season Lead Time: more than 12 months Off Season Lead Time: within 15 workdays
- Payment Terms: LC, T/T, PayPal, Western Union
- Supply Ability: 5000/Month

Product Specification

- Model NO.: HGM6120N
- Display Type: LED
- Conditions Of Use: Alternator
- Usage: Common Units
- Output Type: AC Single Phase
- Cooling Method: Water Cooling
- Installation Method: Fixed
- Generator Type: Diesel Generator
- Language: Multiple Language
- Color: Black
- Delivery: After Paid 3days
- Application: Diesel Or Gas Generator
- Warranty: 1 Year
- Transport Package: Carton
- Trademark: Golden Electric

More Images

Product Description

Product Description

Smartgen HGM6120N AUTO Genset Controller

HGM6100N series automatic controller, integrating digital, intelligent and network techniques, is used for automatic control and monitoring system of genset. It can carry out functions of automatic start/stop, data measurement, alarm protection and three "remote" (remote control, remote measure and remote communication). The controller uses LCD display, optional display interface including Chinese, English, Spanish, Russian, Portuguese, Turkey, Polish and French with easy and reliable operation.

PERFORMANCE AND CHARACTERISTICS

HGM6100N controller has six variants:

HGM6110N/6110NC/6110CAN: Automatic Start Module, it controls generator to start/stop by remote start signal;

HGM6120N/6120NC/6120CAN: Based on HGM6110N/6110NC/6110CAN, it adds mains AC monitoring and mains/generator automatic switching control (AMF), especially suitable for the automation system composed by mains and genset.

Note1: HGM6110NC/6120NC has RS485 port, HGM6110N/6120N without. HGM6110CAN/6120CAN has CAN port, HGM6110N/6120N and HGM6110NC/6120NC without.

Note2: HGM6110/6120 is taken as an example to describe in this manual.

1.132*64 LCD display with backlight, optional language interface (Chinese, English, Spanish, Russian, Portuguese, Turkey, Polish and French), push-button operation;

2. Acrylic screen, improved wearable and scratch resistance property;

3. Silica-gel panel and keys can well adapt to higher and lower temperature;

4. With RS485 communication port, can achieve "three remote" functions via MODBUS protocol;

5. With CANBUS port which can be connected to electronic injection with J1939, it not only can monitor frequently-used data (such as water temperature, oil pressure, rotated speed and fuel consumption, etc.) but also can control start, stop, high speed and low speed (controller with CANBUS port is needed) via CANBUS port.

6. Adapt to 3P4W, 3P3W, 1P2W and 2P3W (120V/240V), 50Hz/60Hz AC power system;

7. Can measure and display 3 phase voltage, 3 phase current, frequency, power parameter of mains/gens;

8. Mains have functions of over/under voltage and lack of phase; Gens have functions of over/under voltage, over/under frequency, over current and over power;

9. Precision measure and display of parameters about engine,

10. Control protection: Automatic start/stop of genset, load transfer(ATS control) and perfect failure display and protection;

11. With ETS, idle speed control, pre-heat control, speed droop/raising control, all of them are relay output;

12. Parameter setting: Allow user to modify setting and store them in internal FLASH memory. The parameters cannot be lost even when power off. All of parameters can be set not only from the front panel, but also use USB interface (or PS485 interface) to adjust them via PC.;

13. Multi sensors of temperature, pressure and fuel level can be used directly, parameters can be defined by user;

14. Multi conditions of crank disconnect (speed sensor, oil pressure, generator) can be selected;

15. With emergency start function;

16. With flywheel teeth numbers automatic identification function;

17. Power supply range: (8~35)VDC, accommodating to different starting battery volts;

18. All parameters use digital modulation, instead of analog modulation using conventional potentiometer, having improved reliability and stability;

19. With maintenance function. Types (date or running time) can be selected and actions (warning or alarm shutdown) can be set when maintenance time out;

20. Event log, real-time clock, scheduled start & stop pump unit (can be set as start pump unit once a day/week/month whether with load or not);

21. Add rubber gasket between shell and controller screen, the waterproof can reach IP55;

22. Controller is fixed by metal fixing clips;

23. Modular design, flame-retardant ABS shell, embedded mounting, compact structure and easy installation.

Product Parameters

Display for Generator Controller 6120n

Automatic start	Engine protection
Automatic load transfer	Front panel mounting
Configurable inputs/outputs	LCD alarm indication
Configurable alarms & timers	100% Front panel configuration
Back-lit character LCD display	PC configurable

Generator Controllers for your options

Key Start Controller

701/702MS	DC10G	DC10K	501K	520A

Auto/Manual Start Controller (Small Size)

DC20D/DC20D Mkii	DC30D	701AS	DSE3110	702AS

Auto/Manual Start (Big Size)

5110/5120	5210/5220	710/720	6110/6120	7310/7320
DC40D/DC42D	DC50D/DC52D	DC60D/DC62D	DC70/DC72D	7210/7210

AMF ATS Controllers

703/704/705	ATS220	5120/5220/720	DC42D/52D/62D/72D	7220/7320

Packaging & Shipping

Packaging Details:
Standard Export Package

Shipping:
1. By Air or by Sea for batch goods,Airport/ Port receiving;
2. Customers specifying freight forwarders or negotiable shipping methods!

Delivery Detail:
Shipped in 7 days after payment

Company Profile

- Golden Electric Co.,Ltd ,was foundad in 2017, we are professional for make AC and DC electric items such as isolator switch , fuse , breaker , distribution box , PV combiner box ,surge protector, Industrial plug and socket,Solar product and so on.

- Golden has been granted ISO9001 management system certifications. The comprehensive product line has more than 1000 models which have been approved by TUV,CE,CQC,SGS,ROHS,SASO. The productsells well to UK, Spain, Portugal, Singapore, Turkey, Russia, Korea, South Africa... more than 60 countries and regions.

- Golden is always striving hard to provide the best services and competitive price to all customers.

FAQ

Q:How and how long can I get a sample to check your quality?
A: After price confirmation, you can require for samples to check our quality. Then after you send us confirmed files, the samples will be ready for delivery in 7 days. The samples will be sent to you via express and arrive in 5-7 workdays.

Q:How to order our product ?
A: 1).Please tell us the model and quantity and other request you need.
2).We make the PI for you.
3).After you confirm the PI, we arrange the order for you after receiving your payment.
4).After the goods finished, we send the goods out to you and tell you the tracking number.
5).We will track your goods until you receive the goods.

Q: Can I have a visit to your factory before the order?
A: Welcome! Our factory address: Dongan Industrial Zone,Yueqing City, Wenzhou, Zhejiang, China (Mainland)

Q: What's your shipment method?
A: We ship by Express, by air, by sea, by train. Normally we checked and compare, then provide customer the most proper shipment method.

Q: What's about MOQ?
A: First order MOQ=1pcs

Q: If i want to release order, what's the payment method you accept ?
A: We accept T/T, Paypal, Western union, etc.

Q: If i want to release order, what's the process?
A: Thanks. You can send inquiry to us by alibaba, or send us by email, we will reply within 24hrs.

Our commitent

BETTER PRICE than other sellers for you because of Factory Direct Sale.
BETTER QUALITY than before caused by our 10+ years trading experience.
STOCK IN TRADE always own to our Fast & Professional production line.
FAST DELIVERY always made by our GROUP's Enthusiam.
TIMING REPLY in 24 hours all about our TEAM's Passion & Patience.
Send your Inquiry Details in the Below, **Click "Send" Now**~
YOUR BENEFITS IS OUR BUSINESS!!!

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