



## HGM6320T

HGM6320T automatic control module is specially designed for mobile communication base station, whose functions can be configured according to actual using of the station. It can not only control types of generators automatically, but can monitor temperature of engine room and battery voltage to control mains/load, and mains/double ATS switch. When alarm occurs, it can inform the servicing staff by sending short message.

Product Code : 6010017

Power Supply : DC(8-35)V

Case Dimensions : 240\*172\*57(mm)

Panel Cutout : 214\*160(mm)  
Operating Temp. : (-25~+70)°C  
Weight : 0.9kg

## COMPLETE DESCRIPTION

HGM6320T automatic control module is specially designed for mobile communication base station, whose functions can be configured according to actual using of the station. It can not only control types of generators automatically, but can monitor temperature of engine room and battery voltage to control mains/load, and mains/double ATS switch. When alarm occurs, it can inform the servicing staff by sending short message.

HGM6320T controller adopts large liquid crystal display (LCD) and selectable Chinese and English interface with compact structure, advanced circuits, simple connections and high reliability.

## **Performance and characteristics**

1. Microprocessor control, big screen LCD with back-lit display, selectable Chinese and English interface, touch button operation;
2. Precise measure and display function: almost can monitor all the related electricity parameter and water temperature, oil pressure, fuel level and so on;
3. With SMS function ( can send message about mains normal/ abnormal, genset start/stop, powering failure, ATS transfer timer to 5 cell phones, and phone number can be set );
4. 4 conditions of crank disconnect: mains abnormal signal, remote start signal, room temperature and battery voltage. These 4 conditions can be combined randomly;
5. External connect to temperature sensor for monitoring room temperature. Air condition in the test room will be started when temperature is high;
6. Can control 2 ATS, and mains have priority;
7. Can set a regular time in each month or each week to startup or shutdown.
8. With function of prohibiting start at night;
9. With international standard MODBUS communication protocol, and RS232/RS485 communication interface, can realized functions of remote control, remote measure, and remote communication of genset;
10. Can control room fans automatically;
11. With access detection ,which ensure the safety of engine room;
12. With real calendar, clock and accumulation of running time;
13. Accumulated output electric energy display;
14. Can save 200 history records to make facilities faults diagnosis possible;
15. Power supply range: (8~35) VDC, can adapt to 12/24V start battery voltage environment.
16. All the parameters adopt digital adjustment instead of traditional potentiometer analog adjustment, which improve reliability and stability;
17. Modular design, anti-flaming ABS plastic shell, inserted-type connection terminals and built-in mounting. Structure compact with easy installation.

## PARAMETER LIST

<b>Function Item</b>	<b>Parameter</b>
Display	LCD(128*64)
Operation Panel	PET
Language	Chinese & English
Digital Input	6
Relay Output	8
Analogue Input	5
AMF	●
AC System	1P2W/2P3W/3P3W/3P4W
Alternator Voltage	(15~360)V(ph-N)
Alternator Frequency	50/60Hz
kW/Amp Detecting & Display	●
Monitor Interface	RS485/RS232
Programmable Interface	RS485/RS232
RTC & Event Log	●
Scheduled Start Genset	●
DC Supply	DC(8-35)V
Case Dimensions(mm)	240*172*57
Panel Cutout(mm)	214*160
Operating Temp.	(-25~+70)°C

# HGM6320t Typical Application

HGM6320T Typical wiring diagram

