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## HGM8152 High Low temperature Genset Parallel (with Mains) Controller

Item number:	HGM8152
Power supply:	DC8-35V
Product dimension:	242*186*53mm
Plane cutout	214*160mm
Operation temp	-40 to +70 ?
Weight:	0.85kg
Display	VFD
Operation panel	Rubber
Language	Chinese & English
Digital Input	8
Relay out put	8
Analogue input	5
AC system	1P2W/2P3W/3P3W/3P4W
Alternator Voltage	(15~360)V(ph-N)
Alternator Frequency	50/60Hz
Monitor Interface	RS485
Programmable Interface	USB/RS485
DC Supply	DC(8~35)V

HGM8152 Genset Parallel (with Mains) Controller is especially designed for extremely high/low temperature environment (-40~+70)°C. It applies self-luminous Vacuum Fluorescent Display (VFD) and electronic components with extreme high/low temperature resistance, therefore it can work reliably under extreme temperature condition. After careful consideration for the electromagnetic compatibility on different occasions in designing process, it provides strong guarantee for it to work under complex electromagnetic interference environment. It is plug-in wiring terminal structure, which is convenient to product maintenance and upgrade. Chinese, English, and other various languages can be displayed on controller.

HGM8152 Genset Parallel (with Mains) Controller possesses GOV (Engine Speed Governor) and AVR (Automatic Voltage Regulator) control function, and multiple running modes with Mains parallel. For example, constant active power/reactive power/power factor outputs of genset, mains peak-clipping function, and ceaseless mains supply recover function. This realizes genset automatic start/stop, parallel running, data measurement, alarm protection and "three remotes" functions. Controller can precisely monitor all kinds of working statuses of genset, and when genset is abnormal, controller shall automatically parallel off from the bus, stop the genset, and display fault information. Controller carries SAE J1939 port, which can communicate with multiple ECUs (Engine Control Unit) with J1939 port. It employs 32-bit micro-processor technology, realizing functions of precise measuring for most parameters, set value adjustment, timing and fixed value adjustment etc. Most parameters can be regulated from front panel, and all parameters can be adjusted via USB on PC. And parameters can also be regulated and monitored via RS485 or Ethernet on PC. It has compact structure, simple wiring, high reliability, and can be used widely in various genset automatic parallel system.

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