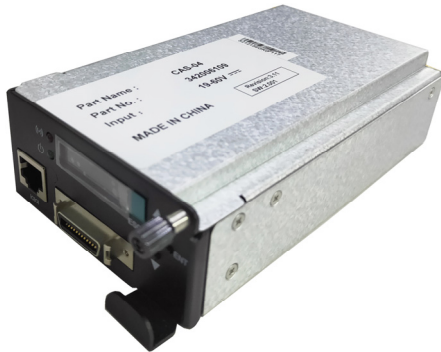


Controller**CAS-04****Overview**

CAS-04 controller is a monitoring and controller unit designed for embedded DC power system, it can monitor the status of rectifiers, battery and DC plant and then control rectifier and other components in power system.

It has RS232/RS485 interface to communicate with external parts, Relay alarm output and communication output can be used as interface between user and power system.

The controller can be used in 48V and 24V power system.

Features

- LCD and buttons in front panel
- RS232/RS485 interface
- 4 programmable relay output connection(Expand to 6)
- 4 programmable input connection(Expand to 6)
- Battery management
- Alarm management

Applications

- Embedded power system
- Cabinet power system

Technical Specifications

Input

Input voltage	19-60VDC
Input current	<0.5A

Interface

External communication	RS232/RS485
Internal communication	CAN Bus
LED	Green—System Run Yellow—System Warning Red—System Alarm
Signal Input	4 Inputs(6 inputs option) for additional requirements
Signal output	4(6 inputs option) Relay Alarm Contact

Alarm

Out Relays	4 Relays
System Alarm	No AC Input Fault High Output Fault Low Output Fault High Input Fault Low Input Fault Fan Fault High Ambient Temp Fault Low Ambient Temp Fault PFC Over temperature Fault DCDC Over Temperature Fault Rectifier Communication Fault EEPROM Fault Input Voltage power limit Temperature power Limit Current Share Fault Primary EEPROM Fault CAN Bus Fault Low Output Bus Voltage Fault High output bus voltage Fault

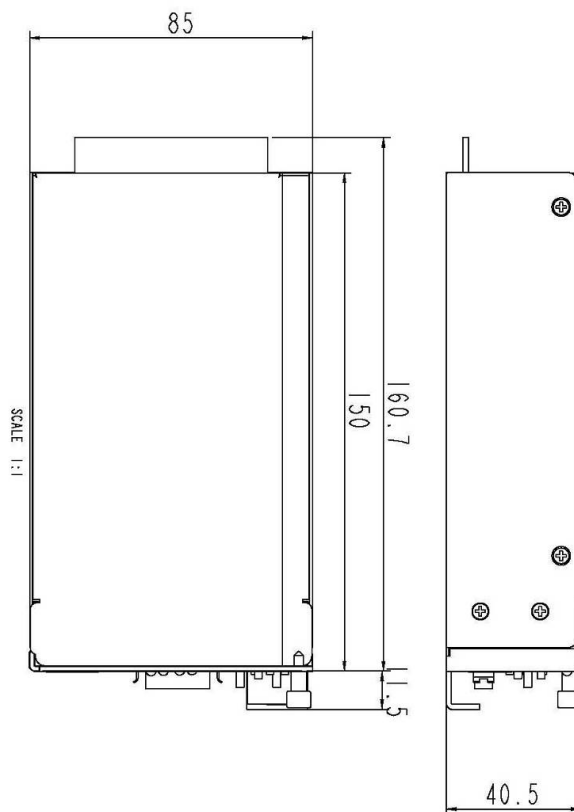
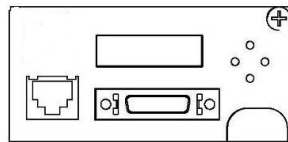
	Load Breaker/Fuse broken Fault Low Battery voltage Fault LLVD BLVD
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Battery Management

Battery Disconnection	BLVD
Float/Boost	Auto
Battery Temp Compensation	Adjust Bus voltage according to Battery Temperature 72mV/° C

Physical Specifications

Parameter	Min	Typ	Max	Unit	Notes
Length	—	150	—	mm	
Width	—	85	—	mm	
Height	—	40.5	—	mm	
Weight	—	0.6	—	Kg	



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