



24VDC UPS Battery Charge Controller Module

Compact UPS Controller for use with DC Power Supply and Battery Pack

The RLH 24VDC UPS Battery Charge Controller is a compact DIN rail module designed to provide uninterruptible power in the event of a power outage.

The module continuously maintains the correct charge level on the battery pack, and ensures a seamless power transition to battery power when needed for a complete UPS solution. The power supply, alarm contact and battery connect using convenient front panel connectors.

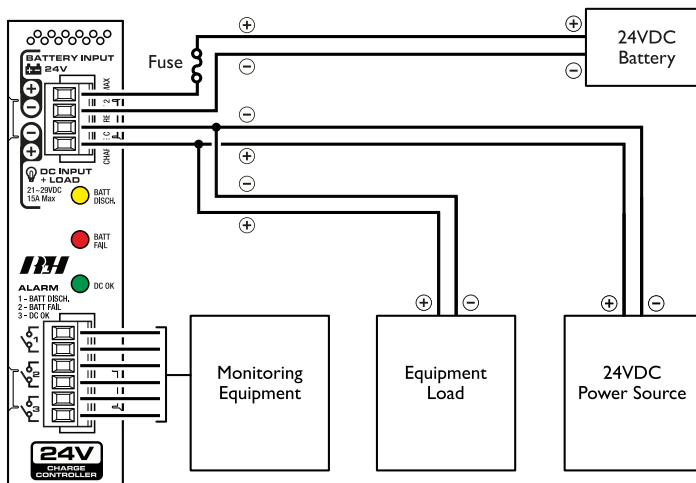
Features

- Suitable for 24VDC systems
- Cooling by free air convection
- Convenient screw down terminals
- Relay contact signal output and LED indicators for DC Bus OK, Battery Fail and Battery Discharge
- Made in USA
- Battery polarity protection

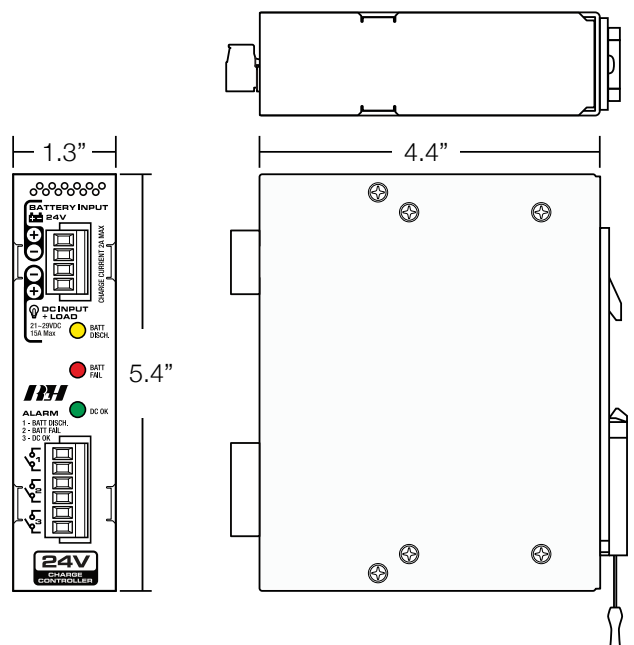


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Connection Diagram



Dimensional Information





General Specifications

DC Input	Voltage Range (Typ.)	24 ~ 29VDC	
	Current Range	0 ~ 15A	
	Note: The power source must be greater than the voltage across the battery terminals, and should be set to the charging voltage recommended by the battery manufacturer. Typically in a 24VDC system 27VDC should be the power source voltage.		
Battery Output	Voltage Range (Typ.)	24 ~ 29VDC	
	Current Range	0 ~ 15A	
	Charge Current	2A	
	External Battery	4 / 7 / 12 / 20AH / 24V	
Function	Relay Contact Rating	30VDC, 10A (max.)	
	Battery Discharge	Relay contact: Short when battery in discharge condition, relay contacts LED (Yellow) ON: Battery discharging LED (Yellow) OFF: Battery is not discharging or discharging current <400mA	
	Battery Fail	Relay contacts: Short when battery failure is observed through the battery test function LED (Red) ON: Battery over-discharge warning or battery malfunction LED (Red) OFF: Battery OK	
	DC Bus OK	Relay contact: Short when DC voltage between 24~29V(3%), relay contacts LED (Green) ON : DC BUS OK; LED (Green) OFF : DC BUS failure	
	Environment	Working Temp	-40°F to +158°F (-40°C to +70°C)
		Working Humidity	20 ~ 90% RH non-condensing
Construction	Durable Powder Coated Aluminum Alloy		
Dimensions	H 5.4in. x W 1.3in. x D 4.4 (H 137mm x W 33mm x D 112mm) (Housing only)		
Mounting	DIN Rail T35 per IEC 60715		
Weight	1.0lbs. (0.45kg)		

Ordering Information

Description	Part Number
24V UPS Battery Charge Controller	RLH-UPS-24-15-01

- Please contact your RLH sales representative for pricing and delivery information

Contact

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