

## RLH 24V, 20Ah Battery Pack

WALL MOUNT BACKUP BATTERY POWER  
FOR UPS APPLICATIONS

### Description

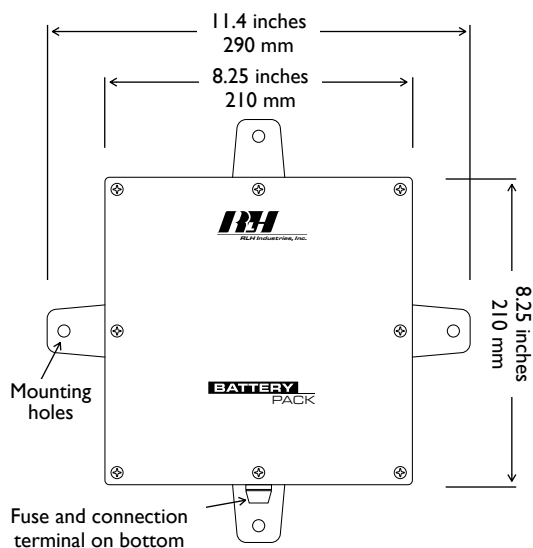
The RLH 24V 20Ah battery packs consists of two 12V batteries contained within a dielectric housing. Battery packs are commonly used with AC/DC power supplies to provide uninterrupted backup power in the event of a power outage.

The life expectancy of the battery is 5 years. Excessive hot or cold temperatures will decrease battery power and life. Depleted batteries may be replaced in the field by qualified personnel. RLH batteries have a 5 year unconditional warranty. To order replacement batteries refer to ordering information.



RLH 24V - 20A Battery Pack

### Dimensional Information



Flat Dimension Diagram

#### Features

- Covered by 5 year unconditional warranty
- Internal sealed gel batteries are maintenance and leak free
- Convenient screw-down terminals
- User replaceable 6A protection fuse
- Wall mount hardware included
- 5 year standby service life
- High 100% discharge cycle service
- Replacement batteries are field replaceable
- Ideally suited for 24VDC UPS applications

## Installation

Prior to installation:

- Check for shipping damage
- Check the contents to ensure correct model and capacity
- Have a clean, dry installation environment ready

Required for installation:

- Sufficient wall mount space

### Wall mounting

Mount the battery pack to the wall or other surface using the 4 mounting tabs. You may need to have help in holding the battery pack in place while mounting.

### Connect contact wires

Connect the battery wiring to the screw down terminal on the bottom. Observe the polarity markings next to the terminal block.

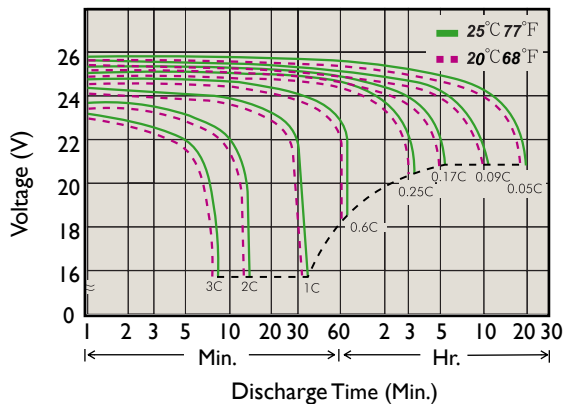
### Install fuse

Remove the fuse holder cover and install the included fuse. Refer to the specifications section for the replacement fuse rating.

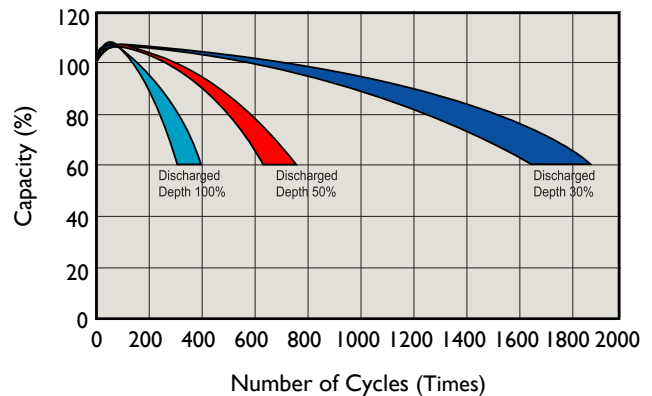
**Note:** Power is applied to the screw down terminals once the fuse is inserted.

## Characteristics

**Battery Pack Voltage (V) and Discharge Time**



**Series Cycle Service Life**



## General Specifications

|                                       |  |                                    |
|---------------------------------------|--|------------------------------------|
| <b>Battery Pack Construction</b>      | Durable dielectric thermoplastic with screw down cover plate   |                                    |
| <b>Dimensions</b>                     | H 8.25in. x W 8.25in. x D 7.75in. (with mounting feet)<br>(H 210mm x W 210mm x D 197mm)  |                                    |
| <b>Mounting</b>                       | Wall mount   |                                    |
| <b>Power Connection</b>               | Screw down power terminal  |                                    |
| <b>Weight</b>                         | 33 lbs. (15kg)   |                                    |
| <b>Internal Batteries</b>             | Two 12V user replaceable batteries   |                                    |
| <b>Battery Type</b>                   | Lead acid deep cycle, gel style, spill proof and maintenance free  |                                    |
| <b>Voltage</b>                        | 24VDC  |                                    |
| <b>Capacity</b>                       | 20Ah @ 20hr-rate to 21V @ 25°C (77°F)  |                                    |
| <b>Maximum Discharge Current</b>      | 230A (5 sec)   |                                    |
| <b>Fuse</b>                           | 6A, user replaceable   |                                    |
| <b>Operating Temperature Range</b>    | Discharge  | -15°C ~ 50°C (5°F ~ 122°F)         |
|                                       | Charge   | -15°C ~ 40°C (5°F ~ 104°F)         |
|                                       | Storage  | -15°C ~ 40°C (5°F ~ 104°F)         |
| <b>Nominal Operating Range</b>        | 25°C±3°C (77°C±5°C)  |                                    |
| <b>Internal Resistance</b>            | Approx. 14mΩ @25°C (77°F)  |                                    |
| <b>Charging Voltage</b>               | Standby Use  | 27 to 27.6VDC average @25°C (77°F) |
|                                       | Cycle Use  | 28.8 to 30VDC average @25°C (77°F) |
| <b>Maximum Charging Current Limit</b> | 6A   |                                    |
| <b>Equalization and Cycle Service</b> | 28.8 to 30VDC average at 25°C  |                                    |
| <b>Self Discharge</b>                 | Battery Pack may be stored for more than six months at 25°C (77°F). Please charge batteries before using. For higher temperatures the time interval will be shorter. |                                    |
| <b>Replacement Battery Case</b>       | ABS (UL 94-HB/File E50263)   |                                    |
|                                       | *Flammability resistance of (UL 94-V0/File E88637) can be available up request.  |                                    |

## Ordering Information

| Part Number    | Description                            |
|----------------|--|
| 8806-1250-06BP | 24V - 20AH UPS Battery Pack w/fuse     |
| 8806-1250-06BR | 24V - 20AH Replacement Batteries (Set) |



## Warranty

All battery products are warranted for 5 years from date of purchase. RLH will replace any battery product, or part thereof that fails, provided the defective part is returned to RLH Freight prepaid. **To make a warranty claim, or schedule repair or replacement of your RLH product, please contact us for an RMA number.** You will be promptly assisted by one of our warranty specialists. All returns must have an RMA number before we can receive any items.

## Technical Support

|   |  |
|---|--|
| <b>Normal technical support:</b><br>(Mon - Fri 6am - 6pm PST) | Local (714) 532-1672<br>Toll Free (800) 877-1672<br>Toll Free (866) DO-FIBER |
| <b>24/7 Technical support:</b>                                | (714) 366-2503<br>(714) 396-8982<br>(714) 457-5740                           |

## Contact Information

|                                |  |
|--------------------------------|--|
| <b>Corporate Headquarters:</b> | RLH Industries, Inc.<br>936 N. Main Street<br>Orange, CA 92867 USA           |
| <b>Phone:</b>                  | Local (714) 532-1672<br>Toll Free (800) 877-1672<br>Toll Free (866) DO-FIBER |
| <b>Fax:</b>                    | (714) 532-1885   |
| <b>Email:</b>                  | info@fiberopticlink.com  |
| <b>Web site:</b>               | www.fiberopticlink.com   |



RLH Industries, Inc.  
936 N. Main Street, Orange, CA 92867 USA  
T: (714) 532-1672  
F: (714) 532-1885

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

Specifications subject to change without notice.