

24VDC 4.5Ah DIN Mount Battery Pack

IDEAL FOR TEMPORARY BACKUP FOR DIN MOUNTED ELECTRONICS

Description

The 4.5Ah 24VDC battery pack is compact, can be DIN rail mounted, and is an ideal battery solution suited for 24VDC UPS applications, or other industrial applications where battery reserve power is required.

The housing is constructed of durable ABS thermoplastic with a gasket sealed cover. Designed with screw down terminals, and an externally accessible fuse for easy installation and maintenance.

This battery pack includes dual DIN clips for stable mounting on a standard T35 DIN rail.

Backup Battery Packs are typically used in combination with AC/DC power supplies and charge controllers to provide backup power in the event of a primary power loss to provide temporary power backup. RLH offers a selection of compatible power supplies and chargers available for purchase.

The two internal batteries are maintenance free, AGM sealed lead acid, and rated for up to 5 years of standby service. Spent batteries are field replaceable and replacement battery packs are available.



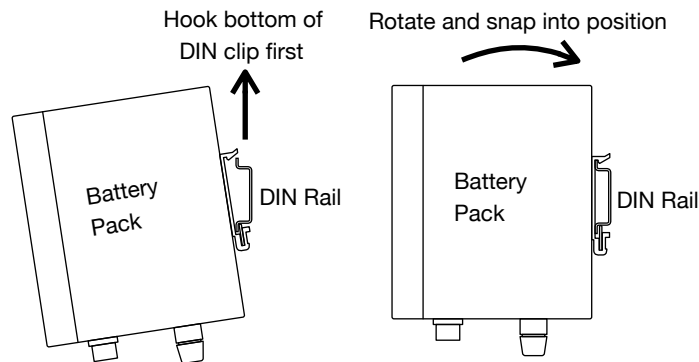
4.5Ah DIN Mount Backup Battery Pack

Features

- Includes Dual DIN clips for extra stability
- Compact design
- Durable ABS thermoplastic with gasket sealed cover
- Easy to access screw down terminals
- Ideally suited for 24VDC UPS applications
- External replaceable fuse
- Includes sealed, maintenance free, Lead Acid battery with AGM technology
- Up to 5 years of standby service

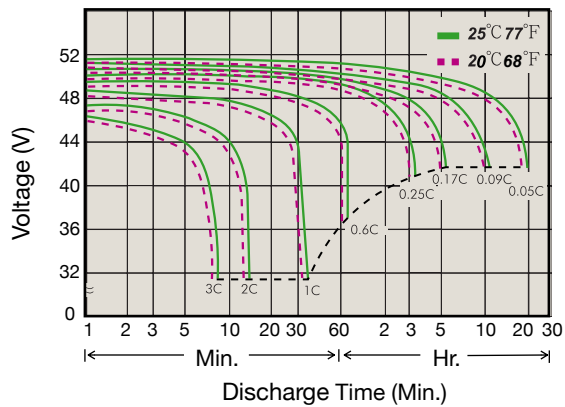
DIN Mounting

Attach the battery pack to the DIN rail by engaging the bottom of the DIN clips onto the rail first, then push up slightly while rotating the top onto the rail. Check to make sure that the battery pack is securely mounted onto the DIN rail.

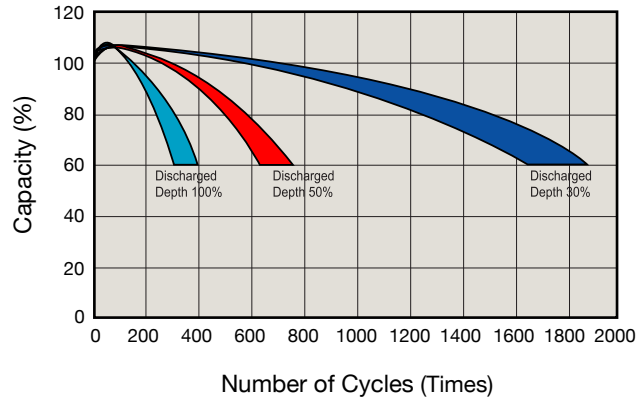


Characteristics

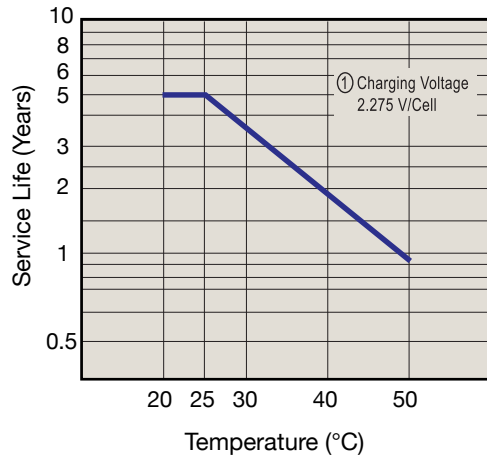
Battery Pack Voltage (V) and Discharge Time



Series Cycle Service Life



Trickle (or Float) Service Life



General Specifications

Battery Pack Construction	Durable ABS thermoplastic with gasket sealed cover	
Dimensions	L 9.5in. x D 4.5in. x H 6.5 (W 241mm x D 114mm x H 165mm)	
Mounting	DIN Clip for T35 DIN Rail	
Power Connection	Screw down power terminals	
Weight	9 lbs. (4.1kg)	
Internal Batteries	Quantity 2, 12VDC, 4.5Ah	
Battery Type	Lead acid deep cycle AGM, spill proof, maintenance free	
Nominal Voltage	24VDC	
Capacity	4.5 Ah @ 25°C	
Fuse	6A, user replaceable	
Operating Temperature Range	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)
Charging Voltage	Standby Use	27.0 to 27.6VDC/unit average at 25°C
	Cycle Use	14.7V ±0.3V @25°C (77°F)
Maximum Charging Current Limit	1.35A	
Self Discharge	Less than 10% after 90 days, Battery pack can be stored for up to 6 months at 25°C (77°F). * Batteries must be charged before using.	
* Extreme temperatures will reduce storage time.		

Ordering Information

Description	Part Number
24V 4.5Ah UPS Backup Battery Pack w/fuse and DIN mount	RLH-2404-1BP
24V 4.5Ah Replacement Batteries (Set)	RLH-2404-RB

- ▶ Wall mount ears are available upon request.
- ▶ Please contact your RLH sales representative for pricing and delivery information.

Technical Support

Normal technical support: (Mon - Fri 6am - 6pm PST)	(714) 532-1672 Toll Free 800-877-1672 Toll Free 866-DO-FIBER
Email:	support@fiberopticlink.com
24/7 technical support: (Outside normal business hours)	Toll Free 1-855-RLH-24X7 Toll Free 1-855-754-2497

Contact Information

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Specifications subject to change without notice.