

DIN Rail/Wall Mount Battery Cabinet

Instruction Manual

Models: DIN-BATT 12-1.2 & DIN-BATT 24-1.2

Feature

Battery Bank for use with the DIN UPS Series. Lead AGM, VRLA technology, maintenance-free lead-acid batteries with series fuse. Simple connection with screws for Wall mount or DIN Rail.

Technical Data	DIN-BATT 12-1.2/24-1.2
Nominal Input Voltage	12V DC/24V DC
Battery Type	Lead AGM 1.2 AH
Battery Dimension (W x H x L)	.98" x 2.05" x 3.82" (6V x 2) 1.69" x 2.04" x 3.824" (12V x 2)
Protection Fuse	Flat type Mini 25 A (ATM-25)
Charging Data	
Recommended Float Voltage @ 20° C	13.5V DC/27.0V DC
Battery Temperature Compensated Charging Recommended for Wider Operating Temp Ranges*	Float= .003Vx#Cells/°C Absorption= .005Vx#Cells/°C
Discharging Data	
Battery Back-Up	See table below
Max. Permissible Discharging Current	25 A
General Data	
Protection Degree (EN/IEC 60529)	IP 20
Protection Class	III
Connection Terminal Block Screw Type	0.5-16 mm2 (20-6 AWG)
Dimension (W x H x D)	2.64" x 6.93" x 4.8"
Weight	2.75 Lbs./3.75 Lbs.
DIN-Rail	35mm
Wall Mount (using fold out tabs)	#10 Screws
Mounting Hardware:	#10 Screws

Climatic Data

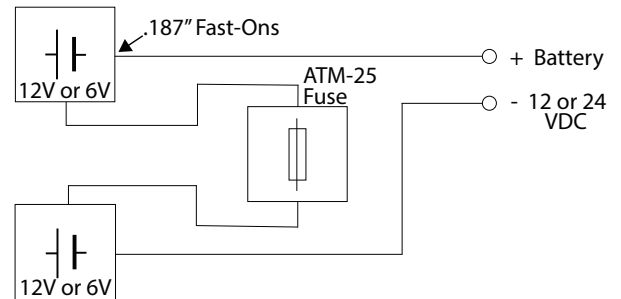
Ambient Temperature Operation	0 ... 40° C
Ambient Temperature Storage	0 ... 40° C
Humidity at 25 °C, No Condensation	95%

Back-Up Time (min)	12 and 24V: 1.2 AH
Battery Size	Minutes
Load 1.5 A	20
Load 3 A	8
Load 5 A	3
Load 7.5 A	2
Load 10 A	No
Load 12 A	No
Load 15 A	No
Load 20 A	No

*DIN-UPS Temp Probes:
3 Ft. Temp. Probe: P/N: 468-5940-0
10 Ft. Temp. Probe: P/N: 468-5940-1

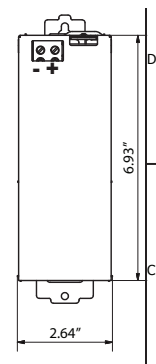
48 Volt Note: For 48V DC applications use two DIN-BATT 24-XX and wire them in series with a jumper wire and connect the battery terminals on the DIN-UPS 48-XX or BDS 48-XX to the positive (+) terminal on one DIN-BATT 24-XX and to the negative (-) battery terminal on the 2nd DIN-BATT 24-XX.

Electrical Diagram

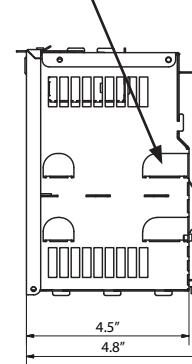


Drawings

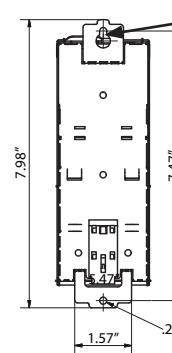
DIN Rail Mount



Battery Temperature Compensation Sensor Access Opening



Wall Mount



Wall Mount
Tabs
(Use #10
Screws)

Battery Connection

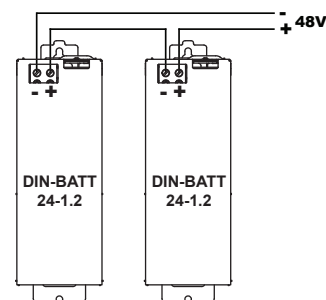


Fuses:
25 Amps

Accessory

Protection Fuse Flat Type Mini 25 A

24V DIN-BATTs Wired In Series for 48V DC Application



M-DINBATT-SM
As of 100917