



**VALVE REGULATED
LEAD ACID BATTERY (V.R.L.A.)**



**ABSORBED GLASS MAT
TECHNOLOGY (A.G.M.)**



**DESIGN FOR
STANDBY APPLICATIONS**



Typical applications

- Emergency lighting.
- Fire alarm.
- DC power systems.
- Medical equipment.

Features

- Gas recombination greater than 99%.
- Operates at a low internal pressure.
- Never needs watering, minimal maintenance.
- 99.7% pure lead calcium grids.
- Shock absorbent thick wall construction.
- Each cell has a low pressure safety release venting system, recognized per U.L. 924.
- Measured acid fill, reduces electrical variability between cells.
- Polypropylene case and covers
- 100% recyclable materials.

Options

- Custom inter-connecting battery cables.

Specifications

Cells per unit	3
Nominal voltage	6
Terminal type	.250 Tab
Maximum discharge current	60 amps
Weight lbs / kgs	13 / 5.9
Electrolyte (S.G.)	1.300
Capacity @ 77°F (25°C) to 1.75 V.P.C.	36 AH (20 hrs) 31.2 AH (8 hrs)
Ideal operating temperature range	+68°F (+20°C) to +77°F (+25°C)
Extended operating temperature range	Discharge: -40°F (-40°C) to +140°F (+60°C) Charge: -40°F (-40°C) to +122°F (+50°C)
Float Voltage	6.75 to 6.9 @ 77°F (25°C)
Maximum charging current	C/4 amperes at 100% discharge Unlimited at partial discharge.
AC ripple from charging source	1.5% peak to peak of float charge voltage
Storage from a fully charged condition	6 months at 77°F (25°C)

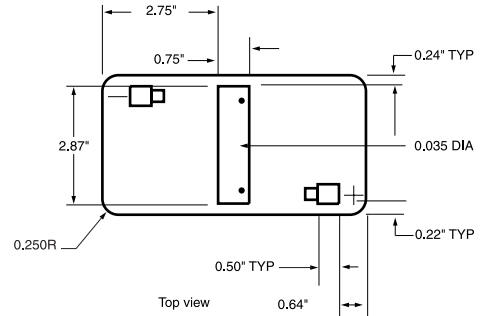
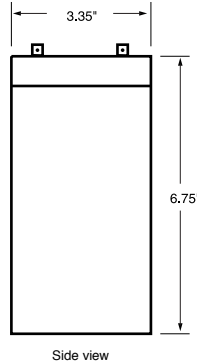
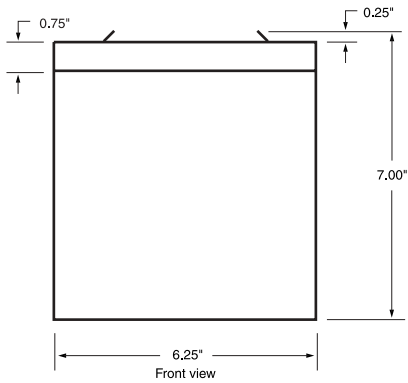
No transport restrictions

- Surface transport. Classified as non-hazardous material as relates to DOT-CFR Title 49 part 171-189.
- Maritime transport. Per IMDG amendment 27.
- Air transport. Complies with IATA / ICAO, special provision A67.

DISCHARGE SPECIFICATIONS

Constant power ratings, Watts per battery @ 77°F (25°C) in minutes and hours

Final V.P.C.	5 min	10 min	15 min	20 min	30 min	60 min	90 min	120 min	4 hrs	8 hrs	20 hrs
1.67	430	355	295	255	200	124	-	-	-	-	-
1.75	400	330	280	240	190	120	90	72	43	26	13



POWER BATTERY offers an extensive line of pre-wired and fused battery cabinets complete with UL and CUL approval. Standard and custom DC voltages complete with breakers and chargers are available.

Incandescent lamp load-watts per battery @ 77°F						
Final VPC	30 min	60 min	90 min	2 hrs	4 hrs	8 hrs
1.75	60	60	46.5	40	31.5	20

Discharge Amperes @ 77° F with terminal tabs											
Final V.P.C.	5 min	10 min	15 min	20 min	30 min	60 min	90 min	120 min	4 hrs	8 hrs	20 hrs
1.67	60	60	46.5	40	31.5	20	-	-	-	-	-
1.75	60	60	50	42	33	20.5	14.8	12	6.9	3.9	1.8

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