



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



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



**10 YEAR DESIGN FOR UPS AND
STANDBY APPLICATIONS**



Features

- Flame-retardant polypropylene case and cover compliant with UL94 V-0 with an Oxygen Limiting Index of greater than 28%.
- Gas recombination greater than 99%.
- Operates at a low internal pressure.
- Never needs watering, minimal maintenance.
- 99.7% pure lead, calcium alloy grids.
- Shock absorbent thick wall polypropylene cases.
- Cold forged non-porous terminal bushings, eliminate post leakage.
- Thermally welded case to cover bond, eliminates both acid and electrical leaks.
- Over-sized, through the partition inter-cell welds provide low resistance connections, with minimal power loss.
- Flame arresting, low pressure safety release venting system for individual cells, recognized per U.L.924.
- Compliant with BS6290 Part 4 and IEC 896-2.
- Measured high vacuum acid fill, reduces electrical variability between cells.
- 100% recyclable materials.

Options

- Terminal covers.
- Inter-connecting battery cables.
- Warranty extensions.
- Open, Cladded Rack and Cabinet options.

Specifications

Cells / Volts	6 cells / 12 volts
Terminal type	Threaded copper insert, 1/4"
Maximum discharge current	805 amps
Short circuit current	5454 amps
Impedance @ 25°C/77°F	2.2 milliohms
Electrolyte (S.G.)	1.300
Capacity @ 25°C/77°F	136 AH @ 20 hrs
to 1.75 V.P.C.	128 AH @ 8 hrs
Operating temperature range:	-40°C/-40°F to 60°C/140°F
Charging voltage / current:	2.27 to 2.30 volts per cell, constant voltage at a maximum current of C/4 amps.
Temperature compensation:	Subtract 3mV/°C/cell or 1.7 mV/°F/cell, above 25°C/77°F.
Apply for temperature range of	Add 3 mV/°C/cell or 1.7 mV/°F/cell, below 25°C/77°F.
Storage time from a fully charged condition:	6 months at 25°C/77°F. For each 9°C/15°F rise, reduce the storage time by half.
AC ripple from charging source	1.5% peak to peak of float
Overall dimensions (inches, mm)	10.75" H x 13.50" L x 6.81" W 273mm H x 343mm L x 173mm W
Weight lbs / kgs	106 / 48.1

No transport restrictions

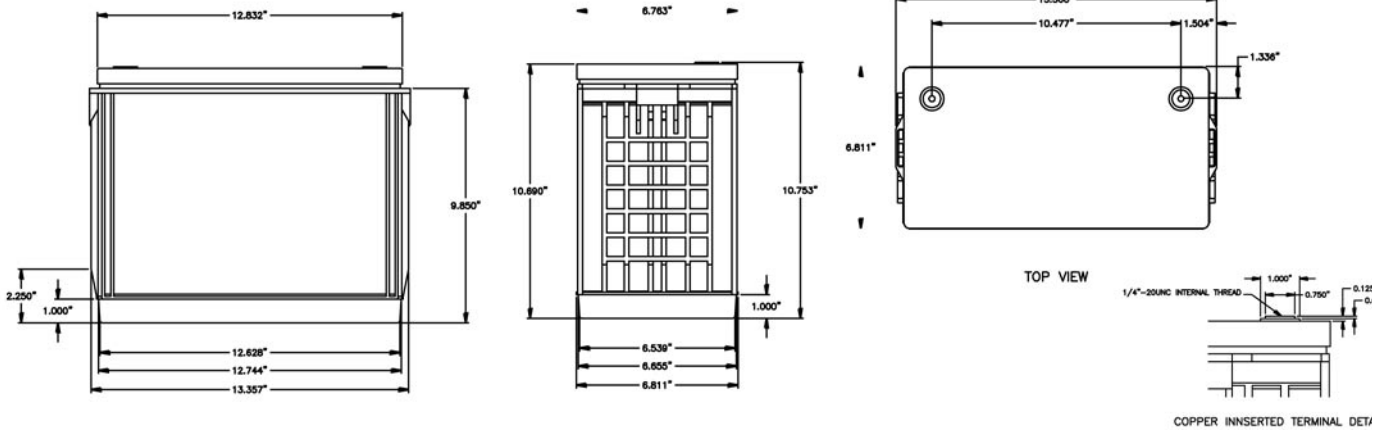
- Surface transport. Classified as non-hazardous material as relates to DOT-CFR Title 49 part 171-189.
- Maritime transport. Non hazardous as per IMDG amendment 27.
- Air transport. Non hazardous complies with IATA / ICAQ, special provision A67.

DISCHARGE SPECIFICATIONS

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

Final V.P.C.	5	10	15	20	30	40	45	50	60	90
1.60	5673	3975	3065	2543	1843	1490	1359	1267	1108	715
1.67	5480	3900	3030	2520	1830	1480	1350	1260	1102	712
1.70	5396	3871	3011	2505	1823	1476	1346	1257	1101	707
1.75	5117	3643	2902	2458	1807	1462	1334	1245	1092	706

Rates in blue are new and improved.



Power Battery offers an extensive line of pre-wired and fused battery cabinets. Standard and custom DC voltages complete with breakers and chargers are available.



KS3 Cabinet Model



Open Rack



Cladded Rack

Constant current ratings, Amperes @ 77°F (25°C) in hours										
Final V.P.C.	1	2	3	4	5	6	8	10	12	20
1.75	95.0	47.2	34.4	27.0	23.5	18.9	16.0	14.0	10.2	6.80
1.80	80.1	46.9	34.0	26.5	21.9	18.6	14.5	11.9	10.1	6.40
1.85	76.9	45.4	32.8	25.6	21.1	18.1	14.0	11.5	9.70	6.20
1.90	70.7	42.5	30.8	24.2	19.9	17.0	13.0	10.6	8.90	6.70

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