



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



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



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

Specifications

Features

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

Cells per unit	6
Nominal voltage	12
Terminal type	M8/20
Maximum discharge current	805 amps
Short circuit current	5454 amps
Impedance milliohms	4.5 milliohms
Dimensions(MM)(L x W x H)	341mm x 172mm x 286mm
Weight lbs / kgs	90.3 / 41
Electrolyte (S.G.)	1.300
Capacity @ 77° (25°C) to 1.75 V.P.C.	136.0 AH (20 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	13.5 to 13.8 @ 77°F (25°C)
Maximum charging current	C/5 amperes at 100% dischar. Unlimited at partial discharge
AC ripple from charging source	1.5% peak to peak of float
Storage	6months at 77°F (25°C)

Options

The Battery has a flame retardant ABS(UL94-V0) case and cover compliant with UL 1778; with an oxygen index greater than 28%

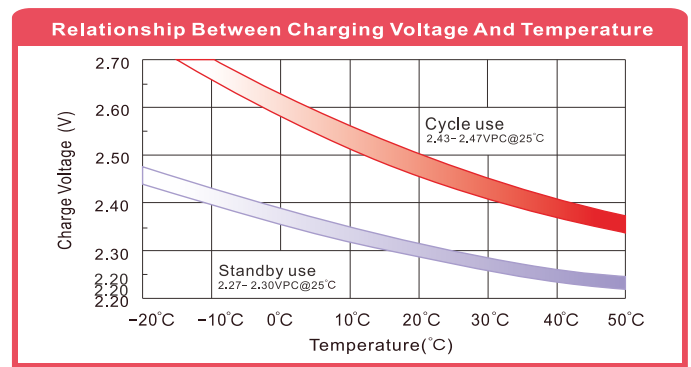
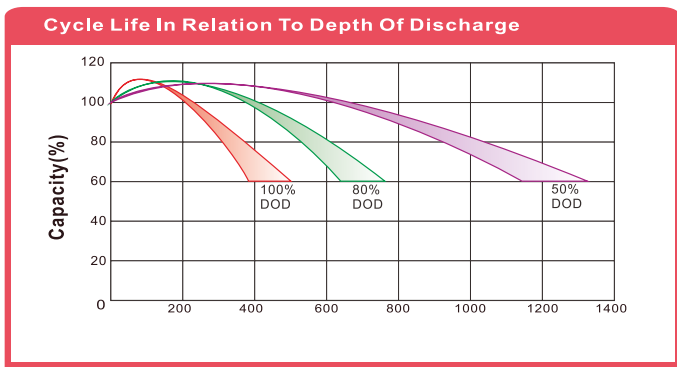
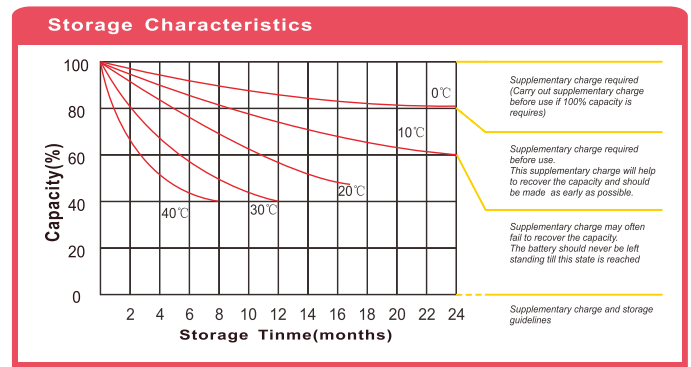
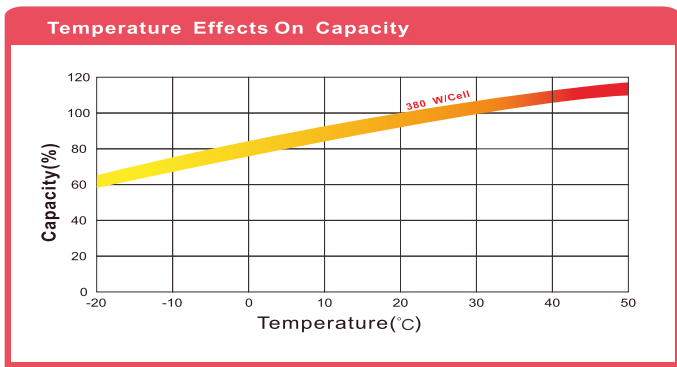
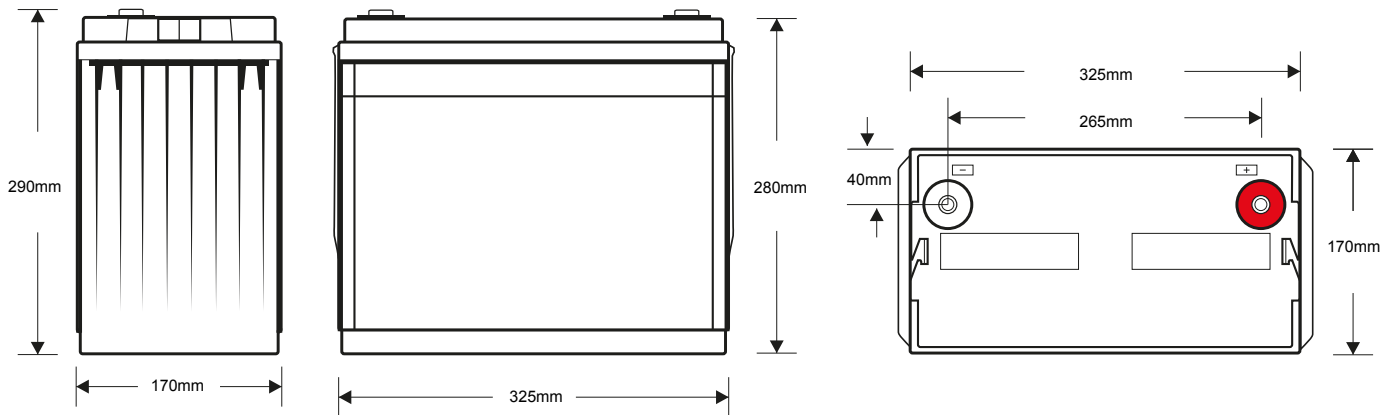
No transport restrictions

- Surface transport. Classified as non-hazardous material as relates to DOT-CFR Title 49 part 171-189.
- Maritime transport. Classified as non-hazardous material as 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

Final V.P.C.	5	10	15	20	30	40	45	50	60	90
1.6	4106	3165	2748	2411	1771	1431	1305	1215	1080	736
1.67	3662	2993	2667	2358	1741	1408	1284	1198	1073	731
1.7	3585	2977	2645	2328	1716	1389	1265	1184	1062	724
1.75	3329	2850	2517	2230	1658	1325	1209	1128	1012	690



Constant current ratings, Amperes @ 77° (25°C) in hours

Final V.P.C	1.00	2.00	3.00	4.00	5.00	6.00	8.00	10.00	12.00	24.00
1.75	95.00	47.20	34.40	27.00	23.50	18.90	16.00	14.00	10.20	6.80
1.8	80.10	46.90	34.00	26.50	21.90	18.60	14.50	1.90	10.10	6.40
1.85	76.90	45.40	32.80	25.30	21.10	18.10	14.00	11.50	9.70	6.20
1.9	70.70	42.50	30.80	24.20	19.90	17.00	3.00	10.60	8.90	6.70