



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



**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 and 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 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.
- Inter-unit busbars and terminal covers
- 100% recyclable materials.

Options

- Custom inter-connecting battery cables.

Specifications

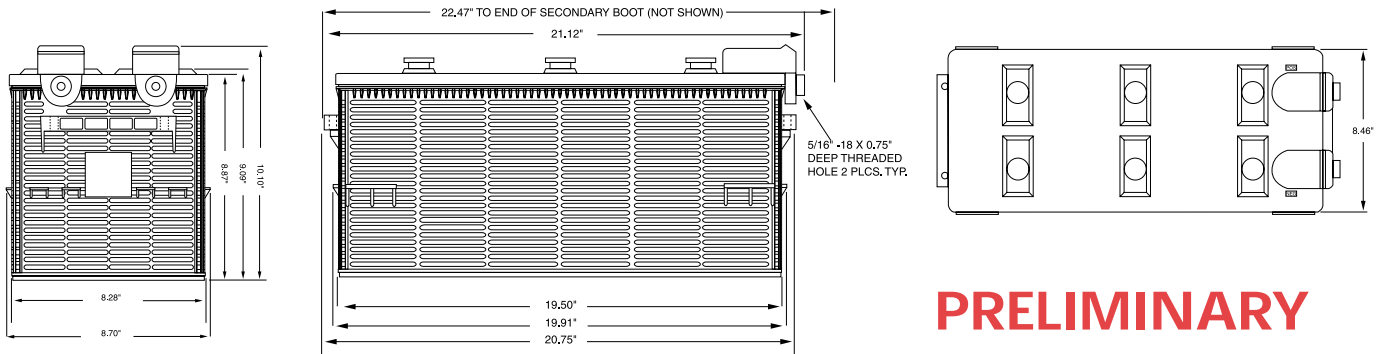
Cells per unit	6
Nominal voltage	12
Terminal type	Copper insert 1/16"
Maximum discharge current	1086 amps
Short circuit current	7977 amps
Impedance	1.73 milliohms
Weight lbs / kgs	152 / 68.9
Electrolyte (S.G.)	1.300
Capacity @ 77°F (25°C) to 1.75 V.P.C.	184 AH (20 hrs) 174 AH (8 hrs)
Ideal operating 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	13.5 to 13.8 @ 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	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. Non hazardous 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
1.60	7389	5210	4040	3231	2387	1905	1753	1601	1389	1040
1.67	6953	5021	3946	3194	2370	1898	1747	1596	1384	1032
1.70	6720	4905	3880	3165	2359	1892	1741	1591	1378	1028
1.75	6281	4654	3714	3075	2321	1872	1725	1578	1368	1019



PRELIMINARY



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.

Battery Cabinet Systems (pre-wired with SLF-12205 batteries)					
Battery cabinet model	Maximum # of batteries	Dimensions			Weight
		inches / millimeters			
		W	D	H	
CZ3	12	42.0 / 1067	31.5 / 800	50.3 / 1278	2124 / 965
CZ6	16	42.0 / 1067	31.5 / 800	61.3 / 1557	2832 / 1287
CZ4	20	42.0 / 1067	31.5 / 800	72.3 / 1837	3540 / 1609

Modular Stacking System					
Rack model	Qty	W	D	H	lbs / kgs
EZ1	4	20.3 / 516	23.0 / 584	22.5 / 572	709 / 322
Open front modular stacking system. Can be stacked 4 high					

Constant current ratings, Amperes @ 77°F (25°C) in hours										
Final V.P.C.	1	2	3	4	5	6	8	10	12	24
1.75	117.5	68.1	48.8	38.4	31.8	27.2	21.3	17.4	14.8	7.60
1.80	114.8	67.0	47.9	37.3	30.8	26.3	20.5	16.7	14.2	7.54
1.85	109.6	64.0	45.7	35.8	29.6	25.4	19.7	16.1	13.7	7.25
1.90	98.2	58.3	41.7	32.8	27.2	23.2	18.1	14.9	12.6	6.75

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