



**VALVE REGULATED
LEAD ACID BATTERY (V.R.L.A.)
ADVANCED GEL TECHNOLOGY
(AGM + GEL)
DEEP CYCLE AND
STARTING POWER**



Features

- Advanced Gel Technology, provides deep cycle capability and better recharge profile throughout the life of the battery.
- Gas recombination greater than 99%
- Maintenance free construction. Needs no water additions and will not allow electrolyte spills.
- Shock absorbent polypropylene plastic. Resistant to extreme temperatures and vibration.
- Operates at a low internal pressure.
- Thermally welded case to cover bond, eliminates the risk of acid and electrical leaks.
- Oversized internal components insures minimal voltage drop and more power availability. Each cell has a low pressure safety release venting system to prevent explosions, recognized per U.L. 924.
- Industrial grade battery plates.
- Puncture proof separator.
- Measured high vacuum acid fill, reduces electrical variability between cells.
- Can be used in any position, except upside down.
- Lifting handle.
- 100% recyclable materials.

Specifications

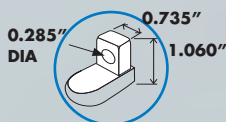
Cells per unit	6
Nominal voltage	12
Terminal Type	Marine Dual Terminal (optional 1/4" Copper Insert - MRG-24C)
Maximum discharge current	560 amps
Short circuit current	3209 amps
Impedance @ 77°F 25°C	4.30 milliohms
Weight lbs	60.6
Electrolyte (S.G.)	1.300
CCA @ 0°F	700
CA (MCA) @ 32°F	840
Reserve Capacity 25 amp load to 10.5 volts	160
Capacity @ 77°F (25°C) to 1.75v.p.c.	76 AH (20 Hours) 85 AH (100 Hours)
Ideal operating temperature range	68°F (20°C) to 77°F (25°C)
Extended operating temperature range	Discharge: -40°F to +140°F Charge: -60°F to +160°F
Float Voltage	13.5 to 13.8 @ 77°F
Cycle Service Voltage	13.8 to 14.1 @ 77°F
Maximum charging current	C/4 amperes @ 100% discharge, unlimited at partial discharge
Length x Width x Height case (Height to the top of the terminals)	10.2" x 6.57" x 8.2" (9.37")

Cycle Life vs. Depth of Discharge

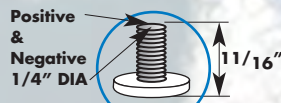
15% DOD	2200 cycles
25% DOD	1700 cycles
50% DOD	900 cycles
80% DOD	600 cycles

No transport restrictions

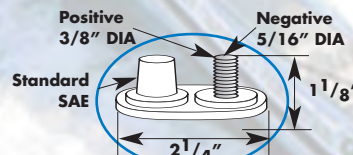
- Surface transport. Classified as non-hazardous material as relates to DOT-CFR Title 49 part 171-189.
- Maritime transport. Classified as non-hazardous material as per IMDG amendment 27.
- Air transport. Complies with IATA/ICAO, special provision A67.



"L" Type



1/4" Studs



SAE & Stud



1/4" C.I.



SAE

1806-2-0707
U.S.A.
Power Battery Company, Inc.
25 McLean Blvd.
Paterson, N.J. 07514-1507
Phone: (973) 523-8630
Fax: (973) 523-3023
E-mail: sales@powbat.com
Website: www.powerbattery.com

CANADA
Power Battery (Iberville) Ltd.
770 Thomas Ave.
Saint-Jean-sur-Richelieu, Québec, J2X 5E7
Phone: (450) 346-3273
Fax: (450) 346-8003
E-mail: sales@powbat.com
Website: www.powerbattery.com

UK
Power Batteries Ltd.
Premier Way, Abbey Park Industrial Estate
Romsey, Hampshire, SO51 9AQ
Phone: +44 (0)1794 835900
Fax: +44 (0)1794 835910
E-mail: sales@powbat.co.uk
Website: www.powbat.co.uk

ITALY
Power Battery Srl
Via 1° Maggio 21
20010 Vanzago MI - ITALY
Phone: +(39) 02 93540454
Fax: +(39) 02 93436202
E-mail: calberti@powbat.it
Website: www.powbat.it