



**Valve Regulated
Lead Acid Battery (V.R.L.A.)**

Advanced GEL Technology

**Designed for Higher Performance
and Maximum Life in Cycling Power
Mobility and Golf Applications**

Specification

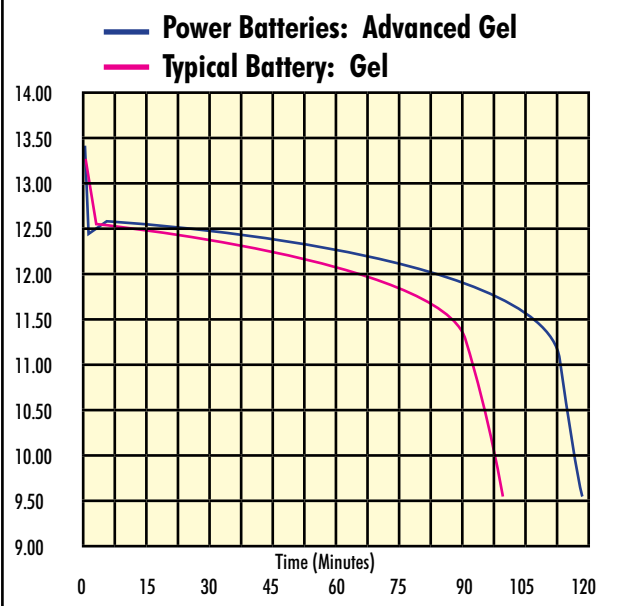
Volts	12
Terminal	Low "T" Combo (SAE/8.7mm hole)
AH	50 AH @ 20 hr rate
Temp Range	-40°C to +60°C Discharge
Charging Voltage	2.3 to 2.35 VDC Cycle Service 25°C
Dimensions	L.229mm D.138mm H.241*mm
Weight	17.6 Kg

* to top of terminal

The Advanced Gel Advantage

- A rugged deep cycle design.
- Shock absorbent polypropylene plastic. Resistant to extreme temperatures and vibration.
- Thermally welded cover to case. Eliminates the risk of both acid and electrical leaks.
- Maintenance free construction. Needs no water additions and will not allow electrolyte spills.
- Advanced GEL design - Provides deep cycle capability and higher performance throughout the life of the battery.
- Oversized internal components. Insures minimal voltage drop and more power availability.
- Industrial grade battery plates.
- Will not develop a memory effect and can be used with opportunistic charging.
- Each cell has a pressure release venting system to control gassing, when operated in normal conditions.
- Can be used in any position, except upside down.
- 100% recyclable materials.

Comparison 2 Hour Discharge Rate



Hours discharge rates in constant current (Amperes) and constant power (Watts) @ 77°F (25°C)

Battery Voltage		1	2	3	4	5	6	7	8
10.5	Amps	31.4	18.2	15.3	10.4	8.6	7.3	6.4	5.7
	Watts	372	224	161	129	108	93	82	73

Options

- Battery lifting harness
- Replacement battery cables
- Larger sizes available up to 208 AH



No transport restrictions

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