



GEL Elite100

Deep Cycle Battery

FEATURES

- Heavy Duty Grids, Maintenance Free, Stable Quality and High Reliability
- Gelled electrolyte made by mixing sulfuric acid with silica fume.
- High-rate discharge performance thanks to tight mounting technology
- Strong heat dissipation and wide operating temperature range
- Prevents acid mist from separating, environmentally friendly
- Efficient ventilation system automatically releases excess gas
- Low self-discharge rate
- Non Spillable

APPLICATIONS

- Hybrid solar power system
- UPS battery backup
- Wind solar power system
- Signal system, Emergency lighting system, Security system
- Telecommunication equipment
- Power station and plant room



GEL Elite100

Deep Cycle Battery



SPECIFICATIONS

Normal Voltage	12 V
Rated Capacity (20 Hr Rate)	100 Ah
Dimension (height)	8.19 Inches (208 mm)
Dimension (length)	16.02 Inches (407 mm)
Dimension (width)	6.85 Inches (174 mm)
Net Weight	Approx 28 Kgs
Gross Weight	Approx 28.5 Kgs

CHARACTERISTICS 77 F (25°C)

Capacity

20 Hr Rate (5.0A)	100Ah
10 Hr Rate (9.2A)	92Ah
5 Hr Rate (16.0A)	80Ah
1 Hr Rate (60.0A)	60Ah
15 Min Rate (164A)	41Ah

Self Discharge

Capacity after 3 month storage	91%
Capacity after 6 month storage	81%
Capacity after 12 month storage	60%
Mhc Discharge Current	800A (5S)
Terminal	M8

Internal Resistance

4.5mΩ

Fully Charged Battery

Charge (Constant Voltage)

Cycle	Initial Charging Current Less than 30A Voltage 14.4~14.7V/77°F (25°C)
Float	Voltage 13.5~13.8V/77°F (25°C)