



Deep Cycle Battery

GEL Elite100

12V 100AH



FEATURES

- Compact design
- Heavy duty grids
- Maintenance free
- Low self-discharge
- Wide operating temperature
- High impact resistive plastic cast

APPLICATIONS

- Communications Equipment
- Emergency Alarm
- Security Systems
- Power Tools
- Solar Powered Systems
- Telecommunications Systems
- Inverters
- ATMs
- Uninterruptible Power Supplies



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SPECIFICATIONS

MODEL	GEL ELITE 100
Nominal Voltage	12V
Nominal Capacity	100Ah
Terminal Type	T6 Brass Insert Coated with Tin
Separator	Absorbed Glass Mat (AGM)
Container Material	ABS
Rated Capacity	100.0Ah / 5.00A (20hr, 10.5V, 25°C / 77°F) 93.0Ah / 9.3A (10hr, 10.5V, 25°C / 77°F) 85.0Ah / 17A (5hr, 10.5V, 25°C / 77°F) 75.00Ah / 25A (3hr, 10.5V, 25°C / 77°F) 60.0Ah / 60A (1hr, 10.5V, 25°C / 77°F)
Max Discharge Current	1200A (5 secs)
Internal Resistance	Approx 5.3mΩ
Operating Temperature Range	Discharge: -15~50°C (5~122°F) Charge: -0~40°C (32~104°F) Storage: -15~40°C (5~104°F)
Nominal Operating Temperature	25 ± 3°C (77± 5°F)
Cycle Use	Initial Charging Current less than 30A Voltage 14.4V~15.0V at 25°C (77°F) Temperature. Coefficient -30mV/°C
Standby Use	No Limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C (77°F) Temperature. Coefficient -20mV/°C
Capacity Affected by Temperature	40°C / (104°F) / 103% 25°C / (77°F) / 100% 0°C / (32°F) / 86%
Self Discharge	Elite SP Series Batteries may be stored for upto 6 month at 25°C (77°F) and then a freshening charge is to be given

PHYSICAL

Length:	330mm (13.03 Inches)
Width:	173mm (6.81Inches)
Height:	225mm (8.86 Inches)
Approximate Weight	Net Wt: 28Kgs Gross Wt: 28.5Kgs

