



BAT035 | BAT001

DEEP CYCLE GEL SERIES BATTERY



OVERVIEW

Our Deep Cycle Gel Series VRLA battery is a superior DC Gel Design with thick plates, high-density active materials and stronger electrolytes, which can withstand repeated deep cycle applications. The Deep Cycle Gel Series batteries are specially designed to have a 10 year floating design lifespan at 25°C. As well as being carefully designed and produced to meet the IEC, BS, JIS and Eurobat standards, the Deep Cycle Gel Series batteries are also UL (Mh62092) and CE approved.

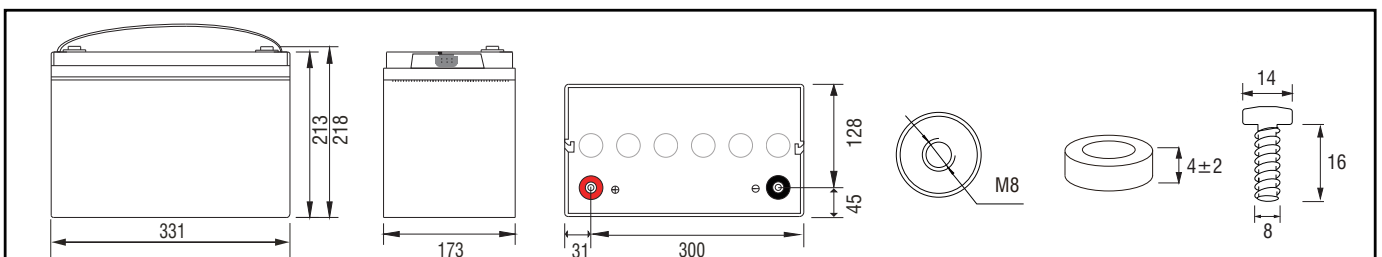
FEATURES & BENEFITS

- Safety sealing
- Non-spillable construction
- High power density
- Excellent recovery from deep discharge
- Longer life & low self-discharge design
- Thick plates & high active materials
- Positive: Lead Dioxide
- Negative: Lead
- Electrolyte: Sulfuric Acid
- Safety Valve: EPDR
- Separator: Fiber Glass
- Terminal: Copper
- Container: ABS (UL94-HB) / Flame Retardant ABS (UL94-V0)

DC GE100-12(12V100AH)

OUTER DIMENSION (mm)

TERMINAL TYPE (mm)



GEL BATTERIES

Deep Cycle Gel Series Battery	DC GE100-12(12V100AH)	DC GE200-12(12V200AH)
Product Code	BAT035	BAT001
BATTERY MODEL		
Nominal Voltage	12V	12V
Rated Capacity (10 Hour Rate)	100Ah	200Ah
Cells per Battery	6	6
DIMENSIONS		
Length	329mm (12.79 inches)	522mm (20.55 inches)
Width	172mm (6.77 inches)	240mm (9.45 inches)
Height	218mm (8.58 inches)	221mm (8.70 inches)
Total Height	225mm (8.85 inches)	226mm (8.89 inches)
Approx Weight	28.6kg (63.05lbs) ± 3%	57.0kg (125.66lbs) ± 3%
ELECTRICAL		
Capacity @ 25°C (77°F)		
10 Hour Rate (10A,10.8V)	100Ah	200Ah
5 Hour Rate (16A,10.5V)	80Ah	183.1Ah
3 Hour Rate (25A,10.2V)	75Ah	161.49Ah
1 Hour Rate (60A,9.6V)	60Ah	115Ah
Max. Discharge Current	1000A (5 Sec.)	2000A (5 Sec.)
Internal Resistance	Fully Charged @ 25°C : Approx 4.5mΩ	Fully Charged @ 25°C : Approx 2.3mΩ
Capacity affected by Temp. (10 HR)		
40°C (104°F)	102%	102%
25°C (77°F)	100%	100%
0°C (32°F)	85%	85%
-15°C (5°F)	65%	65%
Self Discharge @ 25°C (77°F)		
After 3 Months Storage	91%	91%
After 6 Months Storage	82%	82%
After 12 Months Storage	64%	64%
Charge Method @ 25°C (77°C)		
Cycle Use	14.1-14.4V (Initial charging current less than 30A)	14.1-14.4V (Initial charging current less than 60A)
Float Use	13.50-13.80V	13.50-13.80V
Warranty	12 months	

DC GE200-12(12V200AH)

OUTER DIMENSION (mm)

TERMINAL TYPE (mm)

