

Lead Acid Battery

SIB - 100AH - 12 - GE



GE: GEL battery

Rated voltage

Capacity

SIB: Battery

| Model | SIB-100AH-12-GE | SIB-150AH-12-GE | SIB-200AH-12-GE | SIB-250AH-12-GE |
|----------------------------------|---|--|--|--|
| SYSTEM DATA | | | | |
| Rated voltage | 12V | 12V | 12V | 12V |
| Capacity(10hr,1.8V/Cell) | 100Ah | 150Ah | 200Ah | 250Ah |
| Weight | 30kg | 40kg | 55.5kg | 63kg |
| Dimension(W*D*H) | 405*173*231mm | 482*171*240mm | 525*240*219mm | 525*268*220mm |
| Max discharge current | 30I ₁₀ A(3min) | 30I ₁₀ A(3min) | 30I ₁₀ A(3min) | 30I ₁₀ A(3min) |
| Max charging current | ≤0.25C ₁₀ | ≤0.25C ₁₀ | ≤0.25C ₁₀ | ≤0.25C ₁₀ |
| Self-discharge(25°C) | ≤3%/month | ≤3%/month | ≤3%/month | ≤3%/month |
| Recommended using temperature | 15°C~25°C | 15°C~25°C | 15°C~25°C | 15°C~25°C |
| Cover Material | ABS | ABS | ABS | ABS |
| Using temperature | Discharge: -45°C~50°C Charge: -20°C~45°C Storage: -30°C~40°C | | | |
| Charging voltage(25°C) | Floating charge: 13.5V~13.8V Equalizing charge: 14.1V~14.4V | | | |
| Charging mode(25°C) | Floating charge: 2.275±0.025V/Cell Temperature parameters: ±3mV/Cell °C Cycle charge: 2.45±0.05V/Cell Temperature compensation coefficient: ±5mV/Cell °C | | | |
| GENERAL DATA | | | | |
| Cycle life | 100%DOD 490times 50%DOD 1250times 30%DOD 2150times | 100%DOD 572times 50%DOD 1422times 30%DOD 2218times | 100%DOD 572times 50%DOD 1422times 30%DOD 2218times | 100%DOD 572times 50%DOD 1422times 30%DOD 2218times |
| Capacity affected by temperature | 105% @ 40°C 80% @ 0°C 58% @ -20°C | 105% @ 40°C 90% @ 0°C 70% @ -20°C | 105% @ 40°C 90% @ 0°C 70% @ -20°C | 105% @ 40°C 90% @ 0°C 70% @ -20°C |