6GFM200 (12V200Ah)

## φ18

**Speciﬁcations**

**Terminal Type**



|  |  |
| --- | --- |
| Nominal Voltage | 12V |
| Rated capacity | 200Ah |
| Dimensions | Total Height | 223±3 mm |
| Height | 218±3 mm |
| Length | 522±3 mm |
| Width | 240±3 mm |
| Weight Approx | 57.2±1.2 Kg |

M8×18

F5

Number of Cycle (Times)

300 600 900 1200 1500 1800 2800 3100

0

40

20

15% D.O.D

30% D.O.D

100% 80% 50%

D.O.D D.O.D D.O.D

120

100

80

60

Capacity(%)

8.3

27.0

# F8

25.5

**Outer dimensions (mm)**

**Cycle Life 25**℃**(77**℉**)**

**Characteristics**

|  |  |  |
| --- | --- | --- |
| Capacity 25℃(77℉) | 20 hour rate(10.9A) | 218.0Ah |
| 10 hour rate(20.0A) | 200.0Ah |
| 5 hour rate(34.0A) | 170.0Ah |
| 1 hour rate(113.0A) | 113.0Ah |
| Capacity affectedby Temperature (10 hour rate) | 40℃(104℉) | 102% |
| 25℃(77℉) | 100% |
| 0℃(32℉) | 85% |
| -15℃(5℉) | 65% |
| Self-Discharge at 25℃(77℉) | Capacity after 3 month storage | 91% |
| Capacity after 6 month storage | 82% |
| Capacity after 12 month storage | 64% |
| Charge (constant Voltage) | Cycle | Initial Charging Current less than 50.0A |
| Float | 13.5-13.8V |

**Discharge Curves 25**℃**(77**℉**)**

0 1 2 4 6 8 10 20 40 60 2 4 6 8 10 20 40

(min) (h)

380A

220A

113A

34.0A 20.0A

13.8

13.2

12.6

12.0

11.4

10.8

10.2

9.60

9.00

8.40

7.80

|  |
| --- |
| Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25 ℃(77℉) |
| Time | 10min | 30min | 1h | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
| 9.60V | A | 380 | 220 | 110 | 70 | 52 | 42 | 35.6 | 23.2 | 22 | 11.4 |
| W | 3731 | 2120 | 1130 | 665 | 517 | 415 | 348 | 244 | 215 | 113 |
| 10.20V | A | 365 | 208 | 113 | 66.8 | 51 | 41 | 34.8 | 22.8 | 20.7 | 11.2 |
| W | 3678 | 2062 | 1102 | 658 | 507 | 409 | 339 | 236 | 211 | 111 |
| 10.50V | A | 340 | 194 | 112 | 65.2 | 50 | 40 | 34 | 22.5 | 20.4 | 11.1 |
| W | 3351 | 2020 | 1094 | 654 | 504 | 405 | 326 | 228 | 208 | 109 |
| 10.80V | **A** | 320 | 180 | 106 | 63.6 | 49 | 39 | 30.4 | 21.9 | 20 | 10.9 |
| **W** | 3196 | 1886 | 1068 | 647 | 500 | 400 | 312 | 224 | 205 | 107 |
| 11.10V | **A** | 300 | 168 | 100 | 62 | 47 | 38 | 29 | 21.3 | 19.5 | 10.8 |
| **W** | 3036 | 1707 | 1021 | 638 | 486 | 394 | 301 | 222 | 202 | 106 |