



FM Series

Summary

FM series is the general purpose battery with 5 years design life for float service. It meets IEC and dards. With up-dated AGM valve regulated technology and high prurity raw materials, the battery has reliable standby service life.

It is suitable for UPS/EPS, medical equipment, emergency light and security systems .

Product Features

- ↻ Capacity range:1.2Ah-26An
- ↻ Voltage class:6v/12v
- ↻ Long design life(25°C):5 years
- ↻ Lowself-discharge rate: ≤3%/month
- ↻ Good high rate discharge performance
- ↻ High sealed reaction efficiency:≥99%
- ↻ Wide operation temperature: -20°C~60°C
- ↻ Stucture:compact design,shorter internal connectors between cells, thus low internal resistance
- ↻ Plate:Pasted falt type
- ↻ Terminal:two or more types terminals are available
- ↻ Separator:using improved AGM separator, makes low internal resistance & high assembling pressure to increase cycle life;
- ↻ Battery case:made of high strength ABS(UL94-HB)and UL94-V0 is optional;
- ↻ Terminal sealing:double sealing technic (mechanical +epoxy glue).

Application

- ↻ Small UPS
- ↻ Emergency Light
- ↻ Security System
- ↻ Toys
- ↻ Medical

Compliant Standards

- ↻ GB/T19639-2005
- ↻ IEC 60095
- ↻ Passed ISO9001,iso14001,OHSAS18001,CE certificate



Main Parameters

| NO. | ITEMS | VOLTAGE | CAPACITY | DIMENSION(mm) | | | | GROSS WEIGHT | TERMINAL |
|-----|----------|---------|----------|---------------|-------|--------|--------------|--------------|----------|
| | NO | VOLT | AH/20HR | Length | Width | Height | Total Height | | |
| 1 | 3-FM-1.2 | 6 | 1.2 | 97 | 24 | 50 | 55 | 0.29 | F1 |
| 2 | 3-FM-3.2 | 6 | 3 | 134 | 35 | 60 | 65 | 0.65 | F1 |
| 3 | 6-FM-4 | 6 | 4 | 70 | 47 | 102 | 107 | 0.72 | F1 |
| 4 | 3-FM-4.5 | 6 | 4.5 | 70 | 47 | 102 | 107 | 0.82 | F1 |
| 5 | 3-FM-5 | 6 | 5 | 70 | 47 | 102 | 107 | 0.81 | F1 |
| 6 | 3-FM-7 | 6 | 7 | 151 | 34 | 95 | 100 | 1.1 | F1 |
| 7 | 3-FM-10 | 6 | 10 | 151 | 34 | 95 | 100 | 1.52 | F1 |
| 8 | 3-FM-12 | 6 | 12 | 151 | 50 | 95 | 100 | 1.75 | F1 |
| 9 | 3-FM-14 | 6 | 14 | 151 | 50 | 95 | 100 | 2.2 | F1 |
| 10 | 6-FM-1.3 | 12 | 1.3 | 97 | 44 | 51 | 56 | 0.57 | F1 |
| 11 | 6-FM-2.3 | 12 | 2.3 | 97 | 44 | 51 | 56 | 1 | F1 |
| 12 | 6-FM-3.3 | 12 | 3.3 | 97 | 44 | 51 | 56 | 1.35 | F1 |
| 13 | 6-FM-4 | 12 | 4 | 90 | 70 | 102 | 107 | 1.53 | F1 |
| 14 | 6-FM-4.5 | 12 | 4.5 | 90 | 70 | 102 | 107 | 1.65 | F1 |
| 15 | 6-FM-7 | 12 | 7 | 152 | 65 | 95 | 100 | 2 | F1/F2 |
| 16 | 6-FM-9 | 12 | 9 | 152 | 65 | 95 | 100 | 2.46 | F2 |
| 17 | 6-FM-10 | 12 | 10 | 152 | 65 | 113 | 118 | 3.1 | F1/F2 |
| 18 | 6-FM-12 | 12 | 12 | 152 | 100 | 97 | 102 | 3.5 | F1/F2 |
| 19 | 6-FM-14 | 12 | 14 | 152 | 100 | 97 | 102 | 4.2 | F1/F2 |
| 20 | 6-FM-17 | 12 | 17 | 181 | 77 | 167 | 167 | 5.4 | F13 |
| 21 | 6-FM-20 | 12 | 20 | 181 | 77 | 167 | 167 | 6.1 | F14 |
| 22 | 6-FM-22 | 12 | 22 | 181 | 77 | 167 | 167 | 6.32 | F14 |
| 23 | 6-FM-24 | 12 | 24 | 183 | 78 | 167 | 167 | 7.15 | F14 |
| 24 | 6-FM-26 | 12 | 26 | 177 | 167 | 126 | 126 | 9.08 | F15 |