

## 6-FM Valve Regulated Lead Acid Battery specifications sheet

| Model    | Voltage<br>(V) | Capacity<br>C10 (Ah) | Dimension $\pm 2\text{mm}$ |     |     |         | Approx. Weight<br>$\pm 5\%$<br>(kg) |
|----------|----------------|----------------------|----------------------------|-----|-----|---------|-------------------------------------|
|          |                |                      | L                          | W   | H   | Total H |                                     |
| 6-FM-7   | 12             | 7                    | 152                        | 65  | 93  | 99      | 2.6                                 |
| 6-FM-12  | 12             | 12                   | 151                        | 100 | 97  | 99      | 4.0                                 |
| 6-FM-18  | 12             | 18                   | 181                        | 77  | 167 | 167     | 5.4                                 |
| 6-FM-24  | 12             | 24                   | 165                        | 175 | 125 | 125     | 7.8                                 |
| 6-FM-26  | 12             | 26                   | 165                        | 175 | 125 | 125     | 9.0                                 |
| 6-FM-38  | 12             | 38                   | 198                        | 165 | 170 | 170     | 12.6                                |
| 6-FM-45  | 12             | 45                   | 257                        | 132 | 200 | 200     | 14.5                                |
| 6-FM-50  | 12             | 50                   | 257                        | 132 | 200 | 200     | 15.8                                |
| 6-FM-65  | 12             | 65                   | 348                        | 167 | 178 | 178     | 20.8                                |
| 6-FM-75  | 12             | 75                   | 259                        | 168 | 208 | 214     | 22.3                                |
| 6-FM-90  | 12             | 90                   | 305                        | 168 | 207 | 213     | 26.0                                |
| 6-FM-100 | 12             | 100                  | 328                        | 172 | 214 | 222     | 29.8                                |
| 6-FM-120 | 12             | 120                  | 408                        | 177 | 224 | 224     | 34.5                                |
| 6-FM-150 | 12             | 150                  | 485                        | 170 | 240 | 240     | 43.5                                |
| 6-FM-180 | 12             | 180                  | 534                        | 207 | 215 | 220     | 54.1                                |
| 6-FM-200 | 12             | 200                  | 522                        | 240 | 218 | 224     | 59.1                                |
| 6-FM-220 | 12             | 220                  | 522                        | 240 | 218 | 224     | 63.0                                |
| 6-FM-230 | 12             | 230                  | 522                        | 239 | 223 | 223     | 63.3                                |
| 6-FM-250 | 12             | 250                  | 520                        | 268 | 223 | 223     | 71.4                                |

6-FM Valve Regulated Lead Acid Battery discharge time (min) and discharge current (A) reference sheet

|          | 15/1.30 | 30/1.60 | 60/1.67 | 120/1.70 | 180/1.75 | 240/1.75 | 300/1.75 | 480/1.80 | 600/1.80 |
|----------|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| 6-FM-7   | 16.0    | 8.5     | 4.7     | 2.5      | 1.9      | 1.42     | 1.22     | 0.85     | 0.67     |
| 6-FM-12  | 27.5    | 14.5    | 8.0     | 4.2      | 3.2      | 2.44     | 2.09     | 1.45     | 1.15     |
| 6-FM-18  | 41.3    | 21.8    | 12.0    | 6.3      | 4.8      | 3.65     | 3.13     | 2.18     | 1.73     |
| 6-FM-24  | 55.0    | 29.0    | 16.0    | 8.4      | 6.4      | 4.87     | 4.18     | 2.90     | 2.30     |
| 6-FM-26  | 59.6    | 31.5    | 17.4    | 9.1      | 6.9      | 5.28     | 4.52     | 3.15     | 2.60     |
| 6-FM-38  | 87.1    | 46.0    | 25.4    | 13.3     | 10.1     | 7.71     | 6.61     | 4.60     | 3.80     |
| 6-FM-45  | 103.1   | 54.5    | 30.1    | 15.8     | 11.9     | 9.14     | 7.83     | 5.45     | 4.50     |
| 6-FM-50  | 114.6   | 60.5    | 33.4    | 17.6     | 13.3     | 10.15    | 8.70     | 6.05     | 5.00     |
| 6-FM-65  | 149.0   | 78.7    | 43.4    | 22.8     | 17.2     | 13.20    | 11.31    | 7.87     | 6.50     |
| 6-FM-75  | 171.9   | 90.8    | 50.1    | 26.3     | 19.9     | 15.23    | 13.05    | 9.08     | 7.50     |
| 6-FM-90  | 206.3   | 108.9   | 60.1    | 31.6     | 23.9     | 18.27    | 15.66    | 10.89    | 9.00     |
| 6-FM-100 | 229.2   | 121.0   | 66.8    | 35.1     | 26.5     | 20.30    | 17.40    | 12.10    | 10.00    |
| 6-FM-120 | 275.0   | 145.2   | 80.2    | 42.1     | 31.8     | 24.36    | 20.88    | 14.52    | 12.00    |
| 6-FM-150 | 343.8   | 181.5   | 100.2   | 52.7     | 39.8     | 30.45    | 26.10    | 18.15    | 15.00    |
| 6-FM-180 | 412.6   | 217.8   | 120.2   | 63.2     | 47.7     | 36.54    | 31.32    | 21.78    | 18.00    |
| 6-FM-200 | 458.4   | 242.0   | 133.6   | 70.2     | 53.0     | 40.60    | 34.80    | 24.20    | 20.00    |
| 6-FM-220 | 504.2   | 266.2   | 147.0   | 77.2     | 58.3     | 44.66    | 38.28    | 26.62    | 22.00    |
| 6-FM-230 | 527.2   | 278.3   | 153.6   | 80.7     | 61.0     | 46.69    | 40.02    | 27.83    | 23.00    |
| 6-FM-250 | 573.0   | 302.5   | 167.0   | 87.8     | 66.3     | 50.75    | 43.50    | 30.25    | 25.00    |

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