

## 12V75Ah @ 20HR

### Rekoser AGM Battery for General Purpose

AGM Battery. Rekoser stationary series, general use, has been specially designed to optimize its life and quality, minimizing maintenance and maximizing self discharge of their properties for longer storage. RKE series is ideal for security and alarm systems, UPS systems, emergency light systems and other small backup applications.

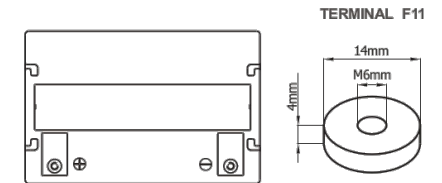


**Complied standards**

- IEC 60896-21/22
- JIS C8704
- GB/T19639

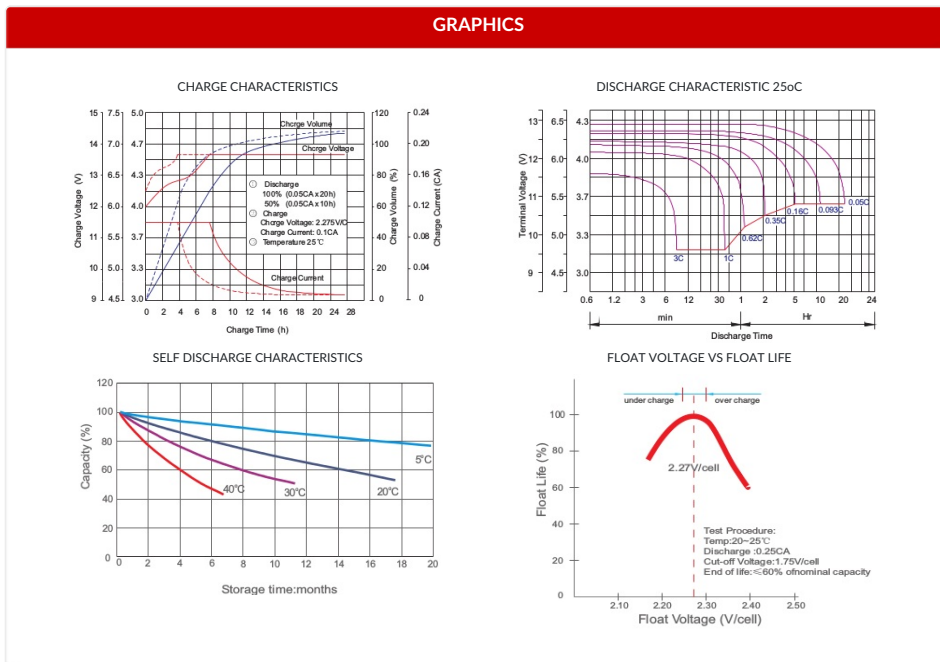


| SPECIFICATIONS                   |   |             |                              |             |
|----------------------------------|---|-------------|------------------------------|-------------|
| Nominal Voltage                  | 12V   |             |                              |             |
| Capacity (25°C)                  | 75Ah @ 20HR                                     |             |                              |             |
| Internal Resistance              | Fully Charged 25 mΩ                             |             |                              |             |
| Self Discharge                   | 3% of capacity declined per month at 25°C       |             |                              |             |
| Cell number                      | 6 cells   |             |                              |             |
| Capacity Affected by Temperature | 102% (40°C)                                     | 100% (25°C) | 85% (0°C)                    | 65% (-15°C) |
| Charge Voltage (25°C)            | Cycle - 14.6-14.8V (-30mV/C), max. Current 2.1A |             | Float - 13.6-13.8V (-20mV/C) |             |
| Max. Charge Current              | 22.5A   |             |                              |             |
| Max. Discharge Current           | 675A  |             |                              |             |



| DIMENSIONS AND WEIGHT |                  |
|-----------------------|------------------|
| Dimensions (mm)       | 260x169x208(212) |
| Weight (kgs)          | 22.5             |

| CONSTRUCTION |                                |
|--------------|--------------------------------|
| Component    | Raw Material                   |
| Positive     | Lead dioxide                   |
| Negative     | Lead                           |
| Container    | ABS (Flame Retardant Optional) |
| Cover        | ABS (Flame Retardant Optional) |
| Sealant      | Epoxy Resin                    |
| Safety Valve | Rubber                         |
| Terminal     | Copper                         |
| Separator    | Fibre Glass                    |
| Electrolyte  | Sulphuric acid                 |



### CONSTANT DISCHARGE RATINGS (A, W) AT 25°C

| F.V / Time | 5MIN      | 10MIN     | 15MIN      | 30MIN      | 1HR         | 3HR         | 5HR         | 10HR        | 20HR        |
|------------|-----------|-----------|------------|------------|-------------|-------------|-------------|-------------|-------------|
| 11.10 V    | 118A 222W | 106A 201W | 96.3A 184W | 67.7A 130W | 43.7A 84.8W | 19.4A 38.1W | 13.0A 25.7W | 7.31A 14.6W | 3.84A 7.73W |
| 10.80 V    | 138A 255W | 117A 220W | 106A 200W  | 71.7A 137W | 45.7A 87.7W | 20.0A 39.0W | 13.3A 26.1W | 7.5A 14.9W  | 3.94A 7.86W |
| 10.50 V    | 156A 285W | 129A 240W | 113A 212W  | 75.0A 142W | 47.2A 89.9W | 20.4A 39.4W | 13.6A 26.5W | 7.76A 15.1W | 4.01A 7.95W |
| 10.20 V    | 179A 323W | 139A 255W | 122A 226W  | 77.7A 145W | 48.2A 91.0W | 20.8A 39.7W | 13.8A 26.6W | 7.76A 15.2W | 4.09A 8.06W |
| 10.02 V    | 201A 358W | 153A 278W | 129A 237W  | 80.7A 150W | 49.4A 92.6W | 21.0A 39.9W | 13.9A 26.7W | 7.85A 15.3W | 4.19A 8.18W |
| 9.60 V     | 225A 396W | 166A 298W | 137A 250W  | 84.5A 156W | 50.7A 94.5W | 21.3A 40.1W | 14.1A 26.9W | 7.95A 15.4W | 4.28A 8.31W |