

## 2V350Ah @ 10HR

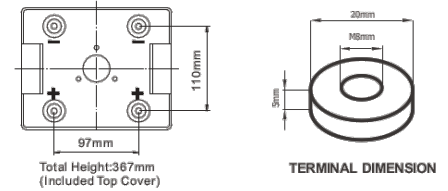
### Rekoser AGM Battery for General Purpose

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**

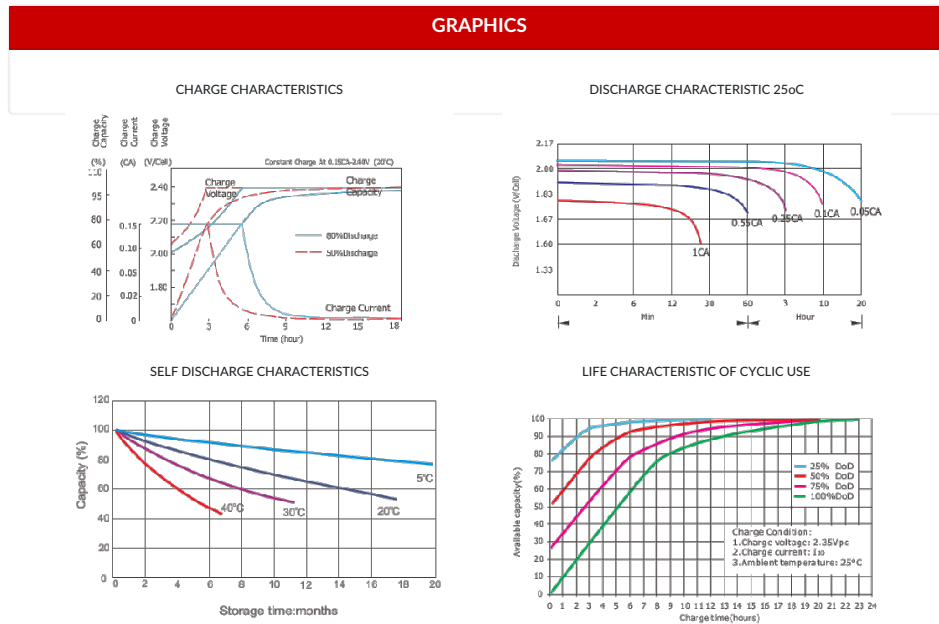
- IEC 60896-21/22
- JIS C8704
- GB/T19639



| SPECIFICATIONS                   |  |             |                             |             |
|----------------------------------|--|-------------|-----------------------------|-------------|
| Nominal Voltage                  | 2V   |             |                             |             |
| Capacity (25°C)                  | 350Ah @ 10HR                                   |             |                             |             |
| Internal Resistance              | Fully Charged 0.75 m Ω                         |             |                             |             |
| Self Discharge                   | 3% of capacity declined per month at 25°C      |             |                             |             |
| Cell number                      | 1 cells  |             |                             |             |
| Capacity Affected by Temperature | 102% (40°C)                                    | 100% (25°C) | 85% (0°C)                   | 65% (-15°C) |
| Charge Voltage (25°C)            | Cycle - 2.35-2.40V (-3mV/C), max. Current 2.1A |             | Float - 2.25-2.29V (-2mV/C) |             |
| Max. Charge Current              | 65A  |             |                             |             |
| Max. Discharge Current           | 1800A  |             |                             |             |

| DIMENSIONS AND WEIGHT |                  |
|-----------------------|------------------|
| Dimensions (mm)       | 210x176x330(367) |
| Weight (kgs)          | 21               |

| 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 | 30MIN |      | 1HR  |      | 3HR   |      | 5HR   |      | 10HR  |       | 20HR  |       |
|------------|-------|------|------|------|-------|------|-------|------|-------|-------|-------|-------|
| 1.80 V     | 281A  | 526W | 191A | 364W | 86.6A | 169W | 60.4A | 119W | 35.0A | 69.7W | 18.4A | 36.7W |
| 1.75 V     | 292A  | 546W | 197A | 376W | 89.2A | 175W | 62.3A | 122W | 35.2A | 70.1W | 18.5A | 37.0W |
| 1.70 V     | 300A  | 560W | 202A | 383W | 89.8A | 176W | 62.8A | 124W | 35.5A | 70.6W | 18.7A | 37.2W |
| 1.65 V     | 309A  | 577W | 206A | 393W | 90.5A | 177W | 63.1A | 125W | 35.6A | 71.0W | 18.7A | 37.3W |
| 1.60 V     | 315A  | 589W | 210A | 399W | 91.0A | 178W | 63.6A | 125W | 36.6A | 71.0W | 18.7A | 37.4W |