



# SCP12350 U1 NB 12V 35Ah(20hr)

Rechargeable AGM Lead Acid batteries. Battery is completely sealed and is maintenance-free, leak proof, and can be used in any position. Is approved for transportation by Air, DOT, IATA, and FAA.

## General Features

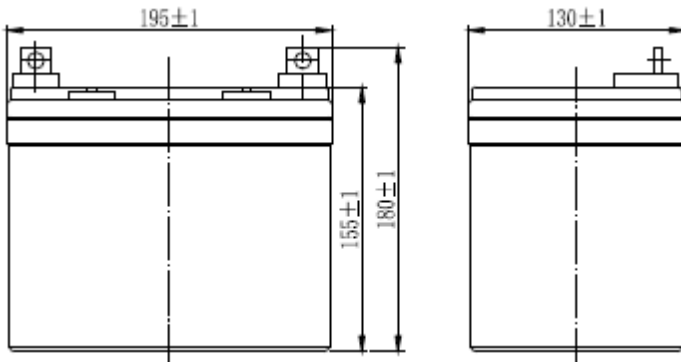
- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99%.
- Not restricted for air transportation, complies with IATA/ICAO special provision 67
- UL-recognized component
- Computer designed lead, calcium tin alloy grid for high power density
- Long service life, float or cyclic applications
- Maintenance-Free
- Low self-discharge

## Dimensions and Weight

|                          |          |
|--------------------------|----------|
| Length (mm / inch)       | 195/7.68 |
| Width (mm / inch)        | 130/5.12 |
| Height (mm / inch)       | 155/6.10 |
| Total Height (mm / inch) | 168/6.61 |
| Aprox. Weight (kg / lbs) | 9.7/21.4 |
| Terminal Type/size       | F7       |

## Performance Characteristics

|   |                     |
|---|---------------------|
| Nominal voltage                                     | 12                  |
| Number of cells                                     | 6                   |
| Nominal Capacity 77° F (25°C)                       |                     |
| 100 hour rate                                       | 1.80V/cell 38.36Ahr |
| 24 hour rate  | 1.80V/cell 35.5Ahr  |
| 10 hour rate  | 1.80V/cell 33.0Ahr  |
| 5 hour rate   | 1.75V/cell 27.9Ahr  |
| 1 hour rate   | 1.60V/cell 22.5Ahr  |
| Self-Discharge                                      |                     |
| 3% of capacity per month at 20°C                    |                     |
| Operating Temperature Range                         |                     |
| Discharge   | -20 to +60°C        |
| Charge  | -10 to +60°C        |
| Storage   | -20 to +60°C        |
| Max Discharge Current                               | 330A                |
| Short Circuit Current                               | 850A                |
| Charge Methods: Constant Voltage Charge 77°F (25°C) |                     |
| <b>Cycle use</b>                                    | 2.40-2.45VPC        |
| Maximum charging current                            | 0.33C 20hr          |
| Temperature compensation                            | -30mV/°C            |
| <b>Standby use</b>                                  | 2.26-2.30VPC        |
| Temperature compensation                            | -20mV/°C            |



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IEEE/UL Battery  
Sizing by  
**MooreU**  
610-952-6067  
www.mooreu.com