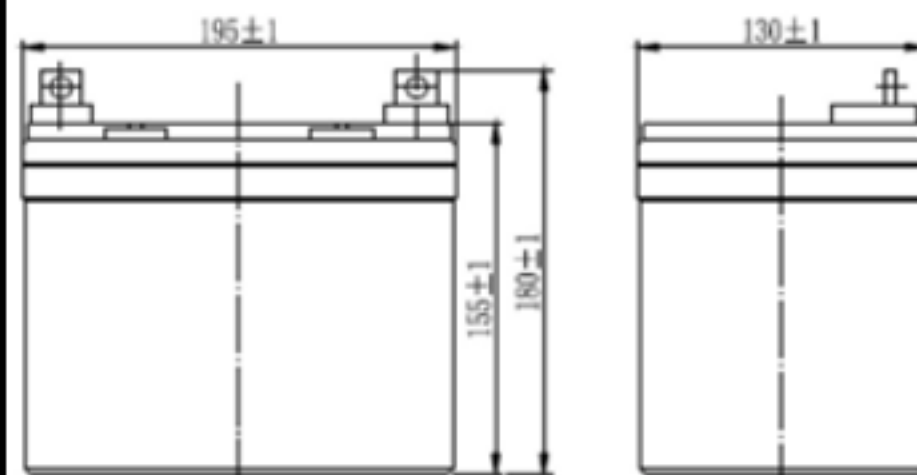


OR-12350NB GENERAL CHARACTERISTICS

- 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 application
- Low self-discharge

DIMENSIONS AND WEIGHT



	SI	Imperial
Length	195 mm	7.68 inch
Width	130 mm	5.12 inch
Height	155 mm	6.10 inch
Total Height	180 mm	7.09 inch
Approx. Weight	9.7 Kg	21.4 lbs

The rechargeable batteries are lead-lead dioxide systems. The dilute sulfuric acid electrolyte is absorbed by separators and plates and thus immobilized. Should the battery be accidentally overcharged producing hydrogen and oxygen, special one way valves allow the gases to escape thus avoiding excessive pressure build-up. Otherwise, the battery is completely sealed and is, therefore, maintenance-free, leak proof and usable in any position.

PERFORMANCE CHARACTERISTICS

BATTERY CONSTRUCTION

UPC Code: 024606140267

Component Raw Material — Positive plate Lead Dioxide — Negative plate Lead — Container
ABS — Cover ABS — Safety valve Rubber — Terminal Copper — Separator Fiberglass —
Electrolyte Sulfuric acid

- Nominal Voltage — 12V
- Number of cell — 6
- Nominal Capacity 77oF (25oC)
 - 20 hour rate (1.75A) — 5.00Ah
 - 10 hour rate (3.30A) — 5.00Ah
 - 5 hour rate (5.9A) — 5.00Ah
 - 1 hour rate (23.5A) — 5.00Ah
- Self-Discharge
 - 3% of capacity declined per month at 20oC(average)

- Operating Temperature Range
 - Discharge — -20~60oC
 - Charge — -10~60oC
 - Storage -20~60oC
- Max. Discharge Current — 330A(5s)
- Short Circuit Current — 850A
- Charge Methods: Constant Voltage Charge 77oF(25oC)
 - Cycle use — 2.30-2.35VCP
 - Maximum charging current — 9.9A
 - Temperature compensation — -30mV/oC
- Standby use — 2.23-2.30VCP
 - Temperature compensation — -20mV/oC

