



VRLA Battery **SPA 12-7**

Specifications

| | | | | | |
|--|-------------------------------|-------------------------------|------------------------------|------------------------------|---------------|
| Nominal Voltage | 12 V | | | | |
| Rated Capacity (25 °C) | 20hr Rate (1,80V/cell) | 10hr Rate (1,80V/cell) | 5hr Rate (1,70V/cell) | 1hr Rate (1,60V/cell) | |
| | 7 Ah | 6,4 Ah | 5,5 Ah | 4,66 Ah | |
| Dimensions (mm) & Weight (kg) | Length | Width | Height | Overall Height | Weight |
| | 151mm | 65mm | 94mm | 100mm | 2,43kg |
| Number / Type of Terminals | 2 / F1 | | | | |

Technical Characteristics

| | |
|---|---|
| Design Life at 20°C | 5 years |
| Eurobat Classification | Standard Commercial |
| Internal Resistance (Fully charged - 25°C) | 28 mΩ |
| Short-circuit current | 350 A |
| Max Charging Current | 2,8 A |
| Min safe end Discharge Voltage | 1,60 V/cell |
| Self discharge per month at 20°C | 3% |
| Recommended Charging Voltage at 20°C | Stand-by use (V/cell): 2,25 to 2,30 Cycle use (V/cell): 2,40 to 2,50 |
| Container Material | ABS-UL94 HB |
| Electrolyte Type | Sulfuric Acid |
| Type of plates / Alloy | Flat plates / Lead-Calcium-Tin alloy |
| Type of Separator | Absorbant Glass Mat |
| Valve Type / Operational Pressure | Rubber / 1-3 psi (70-200 mbar) |
| Operating Temperature Range | -20 to +50°C |
| Storage time at 20°C | 9 months |

