

General Specification

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| Part Number | VOLT 80-12 |
| Length | 312 ± 2 mm |
| Width | 179 ± 2 mm |
| Container Height | 219 ± 2 mm |
| Total Height <i>(with terminal)</i> | 219 ± 2 mm |
| Approx Weight | 25 kg |



Technical Specification

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| Terminal Type | Nominal Voltage | 12V | |
| | Nominal Capacity (10HR) | 80AH | |
| | Standard Terminal | F6 | |
| | Optional Terminal | - | |
| Container Material | Standard Option | PP-PE | |
| | Flame Retardant Option (FR) | PP-PE (UL94:VO) | |
| Rated Capacity | 83.2 AH/4.16A | (20hr, 1.80V/cell, 25°C / 77°F) | |
| | 80.0 AH/8.0A | (10hr, 1.80V/cell, 25°C / 77°F) | |
| | 69.0 AH/13.8A | (5hr, 1.75V/cell, 25°C / 77°F) | |
| | 62.4 AH/20.8A | (3hr, 1.75V/cell, 25°C / 77°F) | |
| Max Discharge Current | 960A (5s) | | |
| Internal Resistance | Approx 6mΩ | | |
| Discharge Characteristics | Operating Temp. Range | Discharge: -15 ~ 50°C (5 ~ 122°F) | |
| | | Charge: 0 ~ 40°C (5 ~ 104°F) | |
| | | Storage: -15 ~ 40°C (5 ~ 104°F) | |
| | Nominal Operating Temp. Range | 25 ± 3°C (77 ± 5°F) | |
| | Cycle Use | Initial Charging Current less than 24.0A. Voltage 14.4V ~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C | |
| | | Standby Use | |
| | Capacity affected by Temperature | No limit on Initial Charging Current Voltage 13.5V ~ 13.8V at 25°C (77°F) Temp. Coefficient -20mV/°C | |
| 40°C (104°F) | | 103% | |
| 25°C (77°F) | | 100% | |
| Design Floating Life at 20°C | 0°C (32°F) | 86% | |
| | 10 Years | | |