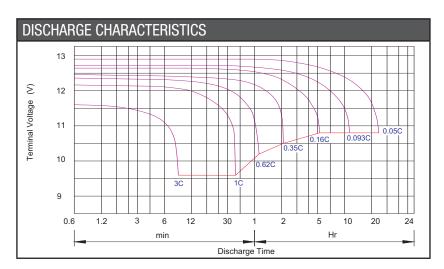


S12-120AE

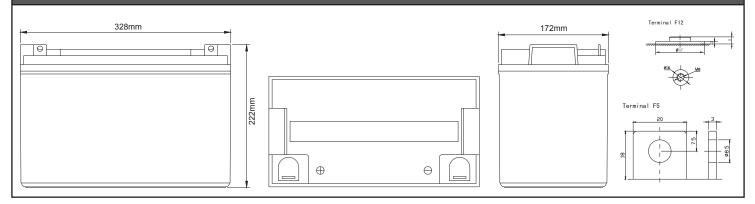
Rolls AGM 12V Deep Cycle Sealed Maintenance Free AGM Battery

| CONSTANT CURRENT DISCHARGE (AMPS) | | | | | | | | | |
|-----------------------------------|-------|-------|------|------|------|------|-------|------|------|
| CUT OFF VOLTAGE V/CELL | 15M | 30M | 1HR | 2HR | 3HR | 5HR | 8HR | 10HR | 20HR |
| 10.5V | 166.5 | 107.1 | 63.5 | 38.0 | 26.5 | 17.6 | 12.12 | 10.2 | 5.5 |

| SPECIFICATIONS | | | | |
|-------------------------------|------------------------------------|---------|--|--|
| | Nominal Voltage | 12 Volt | | |
| Rated Capacity (20 hour rate) | | 110 Ah | | |
| Dimensions | Total Height (including terminals) | 222mm | | |
| | Height | 217mm | | |
| | Length | 328mm | | |
| | Width | 172mm | | |
| Weight | | 30.0 Kg | | |



SIZE & DETAILED ILLUSTRATION



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| CHARACTERISTICS | | | | |
|--|----------|---------------------------------------|--------|--|
| Capacity 77°F (25°C) | | 100 Hour Rate | 120 Ah | |
| | | 20 Hour Rate | 110 Ah | |
| | | 10 Hour Rate | 102 Ah | |
| Internal Resistance | | Full charged Battery 77°F (25°C) | 5mΩ | |
| Capacity Affected by Temperature (20hr rate) | | 104°F (40°C) | 107% | |
| | | 77°F (25°C) | 100% | |
| | | 32°F (0°C) | 76% | |
| | | 5°F (-15°C) | 56% | |
| Self Discharge 77°F (25°C) | | Capacity after 3 month storage | 91% | |
| | | Capacity after 6 month storage | 82% | |
| | | Capacity after 12 month storage | 50% | |
| Max Discharge 77°F (25°C) | | 1000A (5s) | | |
| Terminal | Standard | F5/F12 | | |
| Charging (Constant Voltage) | Cycle | 14.6 to 14.8V DC/unit Average at 25°C | | |
| | Float | 13.6 to 13.8V DC/unit Average at 25°C | | |

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