# Rolls

CANADA

## AGM VRLA DEEP CYCLE BATTERY

## S6-275AGM-RE











| | | | |
|---|---|---|---|
| Series | VRLA AGM-S | Warranty | See Warranty Terms |
| Volts | 6 | Design | GC2H |
| Cells | 3 | | |
| Terminal Type | F14(M8) and TP08 Adapter [+21mm] | | |
| Included Hardware | M8 stainless bolts & washers & TP08 adapter | | |
| Size & Thread | M8 | | |

### Charge | Discharge

| | |
|---|---|
| Charge Voltage Range | 2.45 V/cell @ 25°C (77°F) |
| Float Voltage Range | 2.3 V/cell @ 25°C (77°F) |
| Recommended Charge Current | 50 A |
| Maximum Charge Current | 75 A |
| Self-Discharge Rate | Less than 2% per month at 25°C (77°F) |
| Internal Resistance | 1.3 mΩ |

### Capacity

| | |
|---|---|
| Cold Crank Amps (CCA) 0°F / -18°C | 960 |
| Marine Crank Amps (MCA) 32°F / 0°C | 1100 |
| Reserve Capacity (RC @ 25A) | 531 Minutes |
| Reserve Capacity (RC @ 75A) | 135 Minutes |

| Capacity Affect by Temperature | 40°C (104°F) | 25°C (77°F) | 0°C (32°F) | -15°C (5°F) |
|---|---|---|---|---|
| | 102% | 100% | 85% | 65% |

| Hour Rate | Capacity / AMP Hour | Current / AMPs |
|---|---|---|
| @ 100 Hour Rate | **275 AH** | **2.75 A** |
| @ 20 Hour Rate | **250 AH** | **12.5 A** |
| @ 10 Hour Rate | **229 AH** | **22.9 A** |
| @ 5 Hour Rate | **204 AH** | **40.8 A** |

| Cut Off Voltage | Constant Current Discharge | | | | | |
|---|---|---|---|---|---|---|
| | 1 hr | 2 hr | 3 hr | 5 hr | 8 hr | 10 hr |
| VPC | 136.1 | 78.5 | 56.6 | 39.7 | 27.2 | 22.5 |

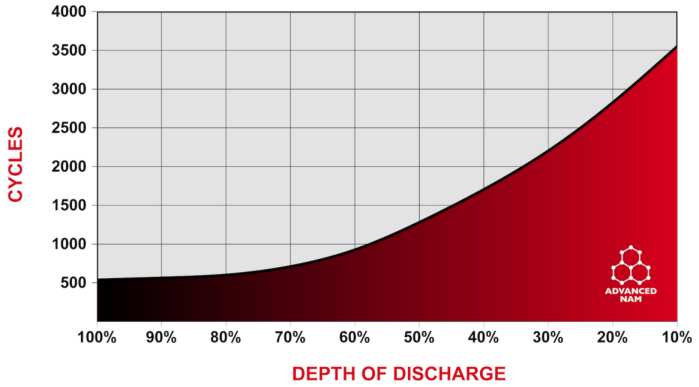
### Specifications

| | | |
|---|---|---|
| Weight | 34.5 kg | 76 lbs |
| Length | 260 mm | 10.24" |
| Width | 180 mm | 7.09" |
| Height | 263 mm | 10.35" |
| Height Incl. Term. | 268 mm | 10.55" |

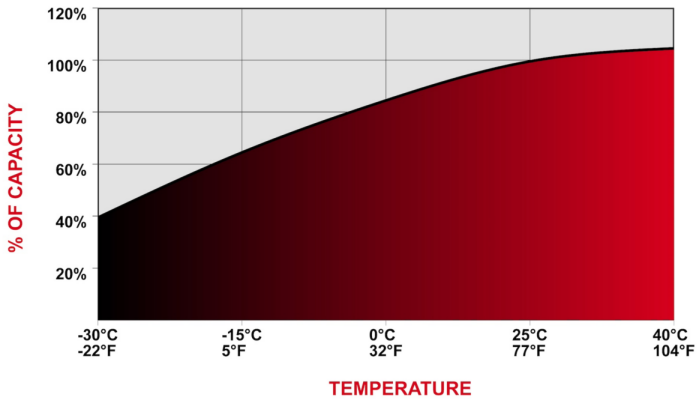
Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

| | |
|---|---|
| Container | ABS |
| Cover | ABS |
| Handles | Nylon Strap |

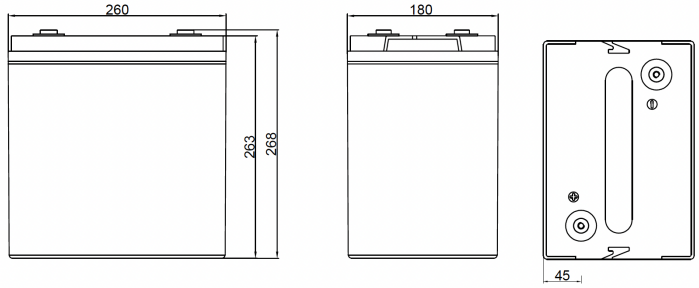
### Cycle Life vs. Depth of Discharge




### Capacity vs. Temperature




### Detailed Illustration



Designed in compliance with applicable BCI, DIN, BS & IEC standards.
Tested in compliance to BCI & IEC standards.

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