# VRLA AGM DEEP CYCLE BATTERY

# R12-105AGM-FT

| | | | |
|---|---|---|---|
| Series | AGM-R | Warranty | See Warranty Terms |
| Volts | 12 | Design | |
| Terminal Type | | F14(M8) | |
| Size & Thread | | M8 | |

## Charge

| | |
|---|---|
| Charge Voltage Range | 14.7V @ 25°C (77°F) |
| Float Voltage Range | 13.8V @ 25°C (77°F) |
| Recommended Charge Current | 20 A |
| Maximum Charge Current | 30 A |
| Self-Discharge Rate | Less than 2% per month at 25°C (77°F) |
| Internal Resistance | 6.5 mΩ |

## Capacity

| Hour Rate | Capacity / AMP Hour | Current / AMPs |
|---|---|---|
| @ 20 Hour Rate | **111 AH** | **5.55 A** |
| @ 10 Hour Rate | **105 AH** | **10.5 A** |
| @ 5 Hour Rate | **89 AH** | **17.8 A** |

| Cut Off Voltage | Constant Current Discharge | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1 hr | 2 hr | 3 hr | 4 hr | 5 hr | 8 hr | 10 hr |
| 1.8 VPC | 55.5 | 33.3 | 26.3 | 20.9 | 17.8 | 12.6 | 10.5 |

## Specifications

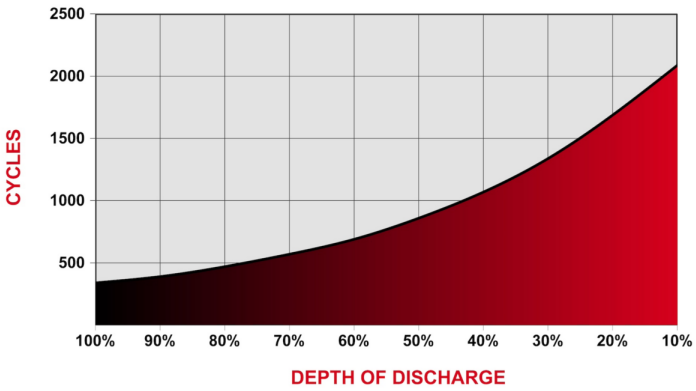
| | | |
|---|---|---|
| Weight | 32.5 kg | 71.5 lbs |
| Length | 508 mm | 20.0" |
| Width | 110 mm | 4.33" |
| Height Incl. Term. | 236 mm | 9.29" |

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

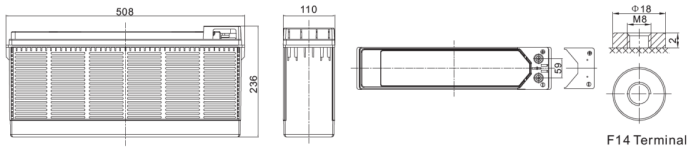
| | |
|---|---|
| Container | ABS |
| Cover | ABS |
| Handles | Rope / Plastic Handle |

- Plastics are UL94 HB (UL94 V0 available)
- Valve regulated design with integral flame arrestor
- Non-hazardous, Non-spillable

## Cycle Life vs. Depth of Discharge




## Detailed Illustration




BATTERY COUNCIL INTERNATIONAL

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

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