

# Rolls

DISTRIBUIDO POR

**KONNEKTO**  
ENERGY

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## AGM VRLA DEEP CYCLE BATTERY

## R12-110AGM



**M8-TP08**

|                   |       |                              |                    |
|-------------------|-------|------------------------------|--------------------|
| Series            | AGM-R | Warranty                     | See Warranty Terms |
| Volts             | 12    | BCI                          | Grp 31             |
| Cells             | 6     |                              |                    |
| Terminal Type     |       | M8-TP08                      |                    |
| Included Hardware |       | Stainless Steel Nuts & Bolts |                    |
| Size & Thread     |       | M8-TP08                      |                    |

### Charge

|  |                                       |
|--|---------------------------------------|
| Charge Voltage Range                         | 14.7V @ 25°C (77°F)                   |
| Float Voltage Range                          | 13.8V @ 25°C (77°F)                   |
| Recommended Charge Current Capacity (String) | 20 A                                  |
| Maximum Charge Current (String)              | 35 A                                  |
| Self-Discharge Rate                          | Less than 2% per month at 25°C (77°F) |
| Internal Resistance                          | 9 mΩ                                  |

### Capacity

|                                |              |             |            |             |
|--------------------------------|--------------|-------------|------------|-------------|
| 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 | <b>120 AH</b>       | <b>1.2 A</b>   |
| @ 20 Hour Rate  | <b>110 AH</b>       | <b>5.5 A</b>   |
| @ 10 Hour Rate  | <b>90 AH</b>        | <b>9 A</b>     |
| @ 5 Hour Rate   | <b>82 AH</b>        | <b>16.4 A</b>  |

| CutOff Voltage | Constant Current Discharge |      |      |      |      |       |
|----------------|----------------------------|------|------|------|------|-------|
|                | 1 hr                       | 2 hr | 3 hr | 5 hr | 8 hr | 10 hr |
| VPC            | 60.6                       | 32.5 | 28   | 16.4 | 10.6 | 9     |

### Specifications



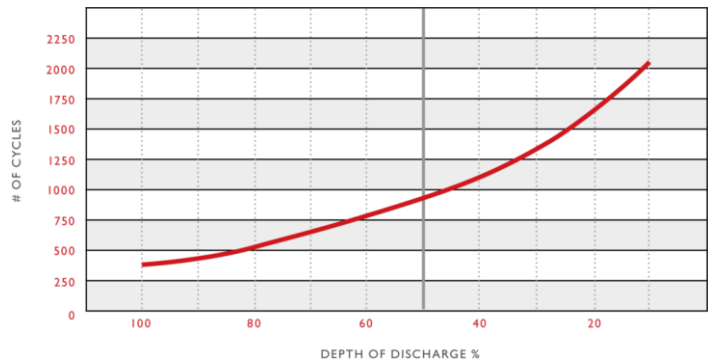
SAI GLOBAL  
ISO 9001  
Quality

|                   |        |        |
|-------------------|--------|--------|
| Weight            | 30kg   | 66lbs  |
| Length            | 32.8cm | 12.91" |
| Width             | 17.2cm | 6.77"  |
| Height Inc. Term. | 24cm   | 8.66"  |

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

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

### Cycle Life vs. Depth of Discharge



### Capacity vs. Temperature

