

MODEL OverDrive AGM 31
 VOLTAGE 12
 MATERIAL Polypropylene
 DIMENSIONS Inches (mm)
 BATTERY VRLA AGM
 COLOR Maroon
 WATERING N/A
 DESIGN LIFE 10 Years


12V

PRODUCT + PHYSICAL SPECIFICATIONS

BCI Group Size	Type	Voltage	Cell(s)	Terminal Type ⁶	Dimensions ^c Inches (mm)			Weight Lbs. (kg)
					Length	Width	Height ^f	
31	OverDrive AGM 31™	12	6	11	13.42 (341)	6.81 (173)	9.21 (234)	69 (31)

ELECTRICAL SPECIFICATIONS

Cranking Performance		Capacity ⁴ Minutes		Capacity ⁸ Amp-Hours (AH)				Energy (kWh)	Internal Resistance (mΩ)	Short Circuit Current (amps)
C.C.A. ⁹ @ 0°F (-18°C)	C.A. ⁵ @ 32°F (0°C)	@ 25 Amps	@ 75 Amps	5-Hr	10-Hr	20-Hr	100-Hr	100-Hr	—	—
730	875	180	—	84	93	102	112	1.34	—	—

CHARGING INSTRUCTIONS

Charger Voltage Settings (at 77°F/25°C)

System Voltage	12V	24V	36V	48V
Bulk Charge	14.40	28.80	43.20	57.60
Absorption Charge	14.10 – 14.70	28.20 – 29.40	43.30 – 44.10	56.40 – 58.80
Float Charge	13.50	27.00	40.50	54.00

Do not install or charge batteries in a sealed or non-ventilated compartment. Constant under or overcharging will damage the battery and shorten its life as with any battery.

CHARGING TEMPERATURE COMPENSATION

Add	Subtract
0.005 volt per cell for every 1°C below 25°C 0.0028 volt per cell for every 1°F below 77°F	0.005 volt per cell for every 1°C above 25°C 0.0028 volt per cell for every 1°F above 77°F

OPERATIONAL DATA

Operating Temperature	Self Discharge
-40°F to 160°F (-40°C to +71°C). At temperatures below 32°F (0°C) maintain a state of charge greater than 60%.	Less than 3% per month depending on storage temperature conditions.

STATE OF CHARGE MEASURE OF OPEN-CIRCUIT VOLTAGE

Percentage Charge	Specific Gravity	Cell	12 Volt
100	NA	2.14	12.84
75	NA	2.09	12.54
50	NA	2.04	12.24
25	NA	1.99	11.94
0	NA	1.94	11.64