

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 ^G	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 ^A Minutes		Capacity ^B Amp-Hours (AH)				Energy (kWh)	Internal Resistance (mΩ)	Short Circuit Current (amps)
C.C.A. ^D @ 0°F (-18°C)	C.A. ^E @ 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

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



