

DATASHEET DIN DC31-VRLA



UN2800 Non-spillable battery



VRLA sealed maintenance free AGM / Gelled battery

Terminal: Twin (Dual Marine terminal)

	A(Standard)	B(Small)	STUD	TOP	DUAL	MARINE TWIN	SIDE
Positive Terminal			 3/8"-16 THREADS			 5/16"-18 THREADS	
Negative Terminal			 3/8"-16 THREADS			 5/16"-18 THREADS	

Cell Layout: 1

0	1	3	4

Bottom holddown: B0

B0		B1	 10.5mm on long sides only
B4	 5 notches 19mm on long sides only	B8	 13.5mm on long sides only
B9		B13	 5 notches

Specifications:

Nominal voltage	: 12 Volt
Nominal capacity	: 105Ah(C20)
Cold Cranking performance	: 700 AMP CCA EN
Dimensions ± 2 mm	: L.330 * W.172 * H.216 * Th.236
Weight	: Approx 30,0 kg $\pm 3\%$

Constant Voltage Charge (recommended Method)

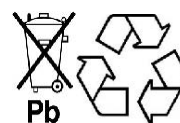
Daily Cycle service	: 14,2 ~ 14,8 Volt Unit Average at 77C (25C)
Floating Service	: 13,2 ~ 13,7 Volt Unit Average at 77C (25C)

Self discharge (remaining capacity @20C)

3 months: 91% 6 months: 82% 12 months: 64%

Capacity versus temperature:

40C: 102% 25C: 100% 0C: 85% -15C: 65%



Always recycle DC31-VRLA battery!

MARINE & RV SERIES



FEATURES AND BENEFITS

BCI Group Sizes

A AW Batteries Feature ActiveCarbon™

Paste technology which helps to strengthen and enhance charge pathways, increasing the charge acceptance and overall durability by adding our proprietary carbon additives.

B Advanced Absorbent Glass Mat (VRLA) design.

AW batteries hold electrolyte in place using absorbent glass mat (VRLA) separator components to prevent leakage and to help recombination of gas.

C MaxPress™ Grid Technology.

Proprietary grid production technology which increases the density of the plate grids to resist corrosion and maximize battery life, even under extreme operating conditions.

D Completely Redesigned Valve System.

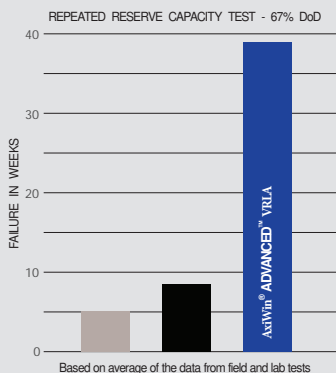
Patent pending specially redesigned individualized valve system prevents evaporation and dry-out of electrolyte more effectively for prolonged battery life.

E Industrial Class Quality.

AW Marine VRLA batteries are industrial class quality and may also be used for applications requiring deep cycle capability such as solar, UPS, daily applications and more.

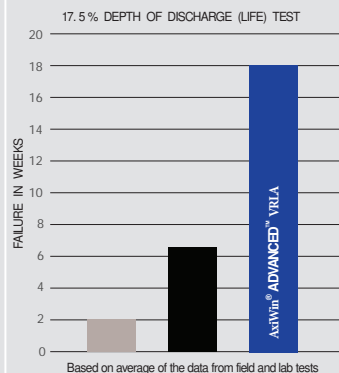
BCI Group	Model	Voltage	Capacity					Dimensions								Terminal Type	Hold-down
			Ampere Hour@C20	Ampere Hour@C5	CA(MCA) (Ampere)	CCA (Ampere)	RC (Minutes)	Inches				mm					
								L	W	H	TH	L	W	H	TH		
24	MRV24	12	73	65	680	580	145	10.2	6.8	8.4	9.3	258	172	214	235	Dual Marine	B0
27	MRV27	12	90	75	740	640	180	12.1	6.8	8.3	9.1	308	172	212	232	Dual Marine	B0
31	MRV31	12	100	88	830	730	205	13	6.8	8.5	9.3	330	172	216	236	Dual Marine	B0

ENDURANCE



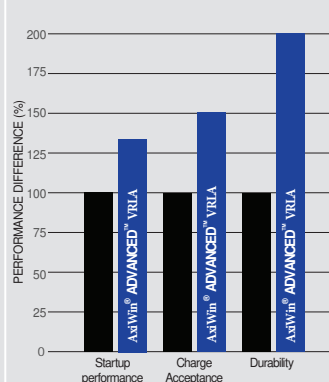
- Substantially higher cycling endurance
- Excels in one of the toughest marine & RV stress tests, proving sustained performance

LIFE



- 3x longer life
- Outperforms conventional batteries

COMPARISON CHART



■ Conventional MF Type ■ EFB Type ■ AxiWin® ADVANCED™ VRLA

Terminal Type: Dual Marine Terminal (Standard SAE + Stud)

