

• TRULY DEEP CYCLE – MAINTENANCE FREE SEALED AGM BATTERY

- **BCI:** 6V27
- **Reserve Capacity [AH @25 amps]:** 425
- **Reserve Capacity [AH @75 amps]:** 112
- **Energy [kWh] :** 1.32 (@20hr rate)
- **Weight:** 72 lbs
- **Length:** 12.05 in (306 mm)
- **Width:** 6.85 in (174 mm)
- **Height:** 8.897 in (226 mm)
- **M8**



The Fullriver Battery DC220-6 AGM is designed to be deeply discharged and recharged hundreds of times.

Its exceptional design and build shows these benefits and features:

- Sealed, spill-proof, maintenance free construction making it environmentally friendly, non hazardous and ICAO, DOT, IATA, IMDG approved for any kind of transportation
- Compression of highly micro porous, glass mat separators offering a superior contact between the electrolyte and the plate for maximizing capacity
- Extreme Shock and vibration resistance
- ABS fire retardant case



DATA SHEET

MODEL **DC220-6**
 VOLTAGE **6V**
 CAPACITY **220 AH (@ 20hr)**
 MATERIAL **Polypropylene**
 BATTERY TYPE **Deep Cycle AGM**

ELECTRICAL SPECIFICATIONS

Nominal Voltage	C100	C20	C10	C5	CCA	CA or MCA	HPCA	Internal Resistance
6 Volt	242 AH	220AH	198AH	180AH	990	1170	2000AMP	1.5 mΩ

MECHANICAL SPECIFICATIONS

Group Size	Terminal Type	Height (w/ terminal)	Height (case only)	Width	Length	Weight	Case Type
27	M8	8.9"/226mm	8.66"/220mm	6.85"/174mm	12.05"/306mm	72.09 lbs	ABS Plastic

TEMPERATURE RANGE SPECIFICATIONS

Condition	Recommended	Maximum	Recommended	Maximum
Storage				
Operation				
Charge w/TC				
Charge				





DATA SHEET

MODEL **DC200-6**
 VOLTAGE **6V**
 CAPACITY **225 AH (@ 20hr)**
 MATERIAL **Polypropylene**
 BATTERY TYPE **Deep Cycle AGM**

PRODUCT + PHYSICAL SPECIFICATIONS							Charging (Constant Voltage)		
BCI Group	Type	Voltage	Dimensions ^c Inches (mm)			Weight Lbs. (kg)	Cycle	Float	
6V27	DC200-6	6	Length	Width	Height	66.14 (30)	(Initial Charging Current 40A Or Small) 7.25V~7.45V/77°F (25°C)	6.8V~6.9V/77°F (25°C)	
			12.05 (306)	6.65(169)	8.66 (220)				

Characteristics

Capacity Amp-Hours (AH)			Capacity ^A Minutes		Capacity Affected By Temperature (20 hr rate)				Energy (kWh)	Internal Resistance (mΩ)	Self-Discharge 77°F(25°C)		
20-Hr	10-Hr	5-Hr	@ 25 Amps	@ 75 Amps	104°F (40°C)	77°F (25°C)	32°F (0°C)	5°F (-15°C)	100-Hr	Full charged 77°F(25°C)	Capacity after 3 month storage	Capacity after 6 month storage	Capacity after 12 month storage
200	180	165	400	100	102%	100%	85%	65%	1.20	1.7 mΩ	91%	82%	64%

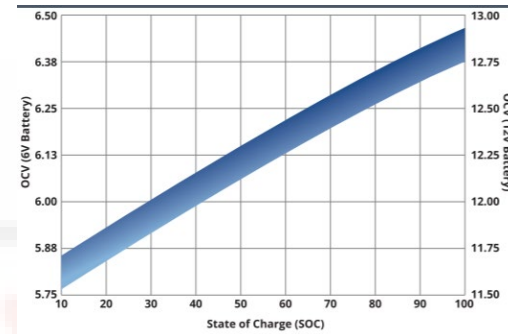
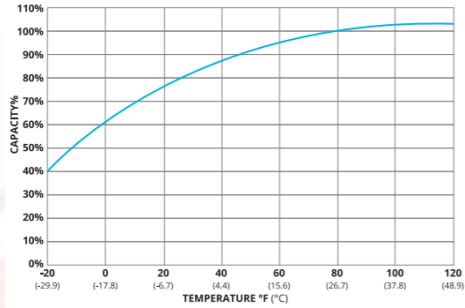
Constant Current Discharge Rating Amperes @ 77 °F(25°C)

Cut off voltage V/cell	30 min	45 min	1 hr	2 hr	3 hr	5 hr	8 hr	10 hr	12 hr	20 hr	24 hr
1.75V	186	138	113.7	61.2	45.3	31.7	21.8	18.00	15.33	10.00	8.37

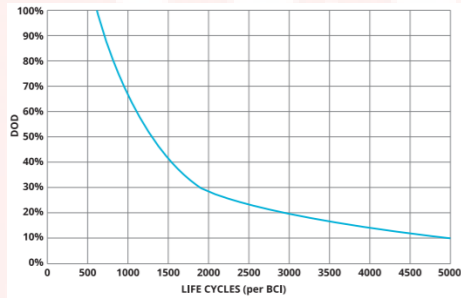


State of Charge (SOC) vs Open Circuit Voltage (OCV)

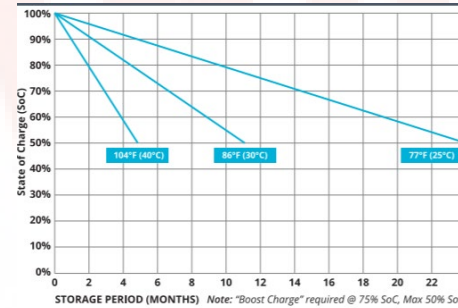
Temperature vs Capacity



Cycle Life vs Depth of Discharge (DOD)



Self Discharge vs Time/Temperature



Battery & Terminal Dimensions (in mm)

