

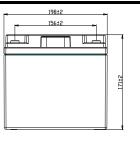
#### **Specifications**

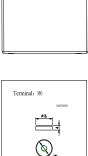
No	minal Voltage	12V		
Rated Ca	pacity (20 hour rate)	50AH		
	Total Height (with terminals)	171mm(6.73inches)		
Dimension	Height	171mm(6.73inches)		
	Length	198mm(7.80inches)		
	Width	166mm(6.54inches)		
Weight		Approx.14.9kg (32.85Ibs)		

## Characteristics

Capacity 77°F(25°C)		20 hour rate	50AH				
		10 hour rate	45AH				
		5 hour rate	42AH				
Internal Resistance		Full charge	9mΩ				
Capacity affected		104°F(40°C)	102%				
		77°F(25°C)	100%				
by Temperature (20 hour rate)		32°F(0°C)		85%			
		5°F(-15°C)	65%				
Self-Discharge		Capacity af	91%				
		Capacity af	82%				
77 F (	77℃F(25℃)		Capacity af	64%			
Standard Terminal		M6					
Max. Discharge		750A (5s)					
Current 77℃ (25℃)		730A (38)					
			Cranking Amps		310A		
Cranking (30-se Performance (30-se		c amps to 7.2V (	310A				
			Cold Cranking Amps 270A				
		(30-se	270A				
Reserve Capacity			ity	@ 25Amps	70Min		
(Minutes to 10.5V at 80°F(27°C)		80°F(27°C)	@ 75Amps	/			
Charging		Cyclo	Initial Charging Current 11A or Small				
(Constant		Cycle	14.5V~14.9V/77°F(25°C)				
Voltage)		Float	13.6V~13.8V/77°F(25°C)				
(Constant		Cycle Float	14.5V~14.9V/77°F(25°C)				

# AGM Technology VRLA Battery



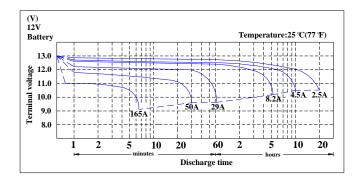


55±2

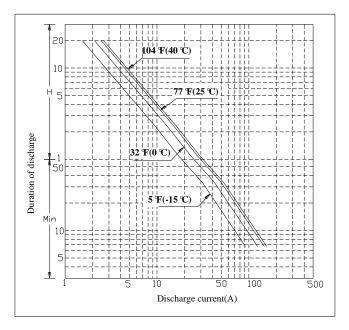
## Discharge characteristics 77°F (25°C)

Õ

0



#### Duration of discharge vs. Discharge current



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

Cut off voltage V/cell	15M	30M	45M	1H	2H	3Н	5H	8H	10H	12H	20H	24H
1.75V	78	47	37	27	17.3	11.4	8.1	5.3	4.5	3.88	2.50	2.14

FULLRIVER

#### DC BATTERIES

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specification are subject to modification without notice. Contact Fullriver for the latest information.