## DC240-12

# AGM Technology VRLA Battery

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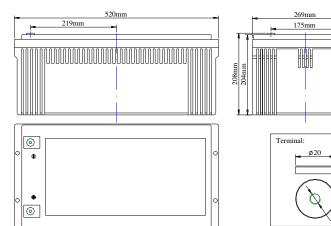


### **Specifications**

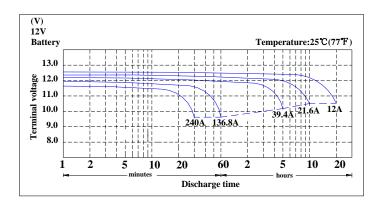
No	minal Voltage	12V		
Rated Ca	pacity (20 hour rate)	240AH		
	Total Height (with terminals)	208mm(8.19inches)		
Dimension	Height	204mm(8.03inches)		
	Length	520mm(20.47inches)		
	Width	269mm(10.59inches)		
	Weight	Approx.73.5kg (162.04lbs)		

#### Characteristics

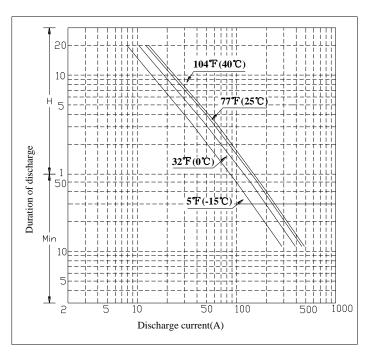
Capacity $77\text{F}(25^{\circ}\text{C})$ 10 hour rate (21.6A to 10.5Volts)210Internal ResistanceFull charged Battery $77^{\circ}\text{F}(25^{\circ}\text{C})$ 1.5Capacity affected by Temperature (20 hour rate)104^{\circ}\text{F}(40^{\circ}\text{C})10 $22^{\circ}\text{F}(0^{\circ}\text{C})$ 32^{\circ}\text{F}(0^{\circ}\text{C})88 $57^{\circ}(-15^{\circ}\text{C})$ 66Self-Discharge $77^{\circ}\text{F}(25^{\circ}\text{C})$ Capacity after 3 month storage91 $77^{\circ}\text{F}(25^{\circ}\text{C})$ 66Self-Discharge $77^{\circ}\text{F}(25^{\circ}\text{C})$ Capacity after 7 month storage82 $77^{\circ}\text{F}(25^{\circ}\text{C})$ 64Max. Discharge Current $77^{\circ}\text{F}(25^{\circ}\text{C})$ 2400A (5s)Reserve Capacity (2100A (5s))@ 25Amps520								
10 hour rate (21.6A to 10.5Volts)     210       77TF (25°C)     10 hour rate (39.4A to 10.2Volts)     197       Internal Resistance     Full charged Battery 77'F (25°C)     1.5       Capacity affected     104'F (40°C)     10       by Temperature     32'F (0°C)     88       (20 hour rate)     5'F (-15°C)     66       Self-Discharge     Capacity after 3 month storage     91       77TF (25°C)     Capacity after 12 month storage     82       77TF (25°C)     Capacity after 12 month storage     64       Max. Discharge     2400A (5s)     2400A (5s)       Reserve Capacity     @ 25Amps     520	Cons	aitr	20 hour ra	240AH				
5 hour rate (39.4A to 10.2Volts)197Internal ResistanceFull charged Battery 77°F (25°C)1.5Capacity affected by Temperature (20 hour rate)104°F (40°C)1077°F (25°C)1077°F (25°C)1032°F (0°C)885°F (-15°C)66Self-Discharge 77°F (25°C)Capacity after 3 month storage99Capacity after 4 month storage8264Standard TerminalM864Max. Discharge Current 77°F (25°C)2400A (5s)520Reserve Capacity@ 25Amps520	-		10 hour ra	216AH				
Capacity affected by Temperature (20 hour rate)104 T (40 °C)1077 F (25 °C)1032 F (0 °C)32 °F (0 °C)32 °F (0 °C)885 °F (-15 °C)66Self-Discharge 77 °F (25 °C)Capacity after 3 month storage77 °F (25 °C)Capacity after 6 month storage81Max. Discharge Current 77 °F (25 °C)Reserve Capacity@ 25 Amps0 Minutes (10 °F (27 °C))	// Г (2	25 ()	5 hour ra	197AH				
Capacity affected by Temperature (20 hour rate) 77°F(25°C) 10   32°F(0°C) 82   5°F(-15°C) 62   Self-Discharge 77°F(25°C) Capacity after 3 month storage 91   Capacity after 3 month storage 82   77°F(25°C) Capacity after 12 month storage 82   Standard Terminal M8 64   Max. Discharge Current 77°F (25°C) 2400A (5s) 520   Reserve Capacity @ 25Amps 520	Internal R	Resistance	Full charg	1.5mΩ				
77 $F(25°C)$ 10by Temperature (20 hour rate)77 $F(25°C)$ 10(20 hour rate) $32°F(0°C)$ $88$ $5°F(-15°C)$ $66$ Self-Discharge 77°F(25°C)Capacity after 3 month storage $91$ Capacity after 6 month storage $82$ Capacity after 12 month storage $82$ Standard TerminalM8Max. Discharge Current 77°F(25°C)2400A (5s)Reserve Capacity@ 25Amps520	by Temperature		104°F(40°	102%				
(20 hour rate) 32°F(0°C) 88   (20 hour rate) 5°F(-15°C) 66   Self-Discharge Capacity after 3 month storage 91   77°F(25°C) Capacity after 6 month storage 82   Standard Terminal M8 64   Max. Discharge 2400A (5s) 64   Current 77°F (25°C) 2400A (5s) 520			77°F(25°C	100%				
5°F (-15°C) 66   Self-Discharge Capacity after 3 month storage 91   77°F (25°C) Capacity after 6 month storage 82   Capacity after 12 month storage 64   Standard Terminal M8   Max. Discharge 2400A (5s)   Current 77°F (25°C) @ 25Amps 520   Reserve Capacity @ 25Amps 520			32°F(0°C)	85%				
Self-Discharge Capacity after 6 month storage 82   77 F (25 °C) Capacity after 12 month storage 64   Standard Terminal M8 64   Max. Discharge 2400A (5s) 64   Current 77 F (25 °C) 2400A (5s) 520   Reserve Capacity @ 25Amps 520			5°F(-15°C	65%				
Capacity after 6 month storage 82   77TF (25°C) Capacity after 12 month storage 64   Standard Terminal M8 64   Max. Discharge 2400A (5s) 64   Current 77 TF (25°C) 2400A (5s) 520   Reserve Capacity @ 25Amps 520	G IG D'		Capacity	91%				
Capacity after 12 month storage 64   Standard Terminal M8   Max. Discharge 2400A (5s)   Current 77°F (25°C) 2400A (5s)   Reserve Capacity @ 25Amps 520   Other to a 10 5W of 00°F (27°C) 0	5		Capacity	82%				
Max. Discharge 2400A (5s)   Current 77 F (25°C) 2400A (5s)   Reserve Capacity @ 25Amps 520			Capacity	64%				
2400A (5s)   Current 77 °F (25 °C)   Reserve Capacity   @ 25Amps   (11 °C * 10 °F * (27 °C))	Standard	Terminal	M8					
		0	2400A (5s)					
(Minutes to 10.5V at 80°F (27°C) @ 75Amps 135	Re	eserve Capaci	ty	@ 25Amps	520Min			
	(Minutes	s to 10.5V at 8	0°F(27℃)	@ 75Amps	135Min			
Charging (Constant     Cycle     Initial Charging Current 48A Or Small 14.5V~14.9V/77°F (25°C)	0 0	Cycle	0 0					
Voltage)     Float     13.6V~13.8V/77°F(25°C)	Ì	Float	13.6V~13.8V/77°F(25°C)					



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



#### Duration of discharge vs. Discharge current



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

Cut off voltage V/cell	30M	45M	1H	2H	3Н	5H	8H	10H	12H	20H
1.75V	214	158	136.4	75.3	54.3	38.1	26.1	21.60	18.40	12.00

**FULLRIVER** 

#### DC BATTERIES

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