



# FFD110-12

(Group Size: 31)

General Purpose Sealed  
Maintenance-Free  
AGM Battery

## SPECIFICATIONS

Nominal Voltage		<b>12 Volt</b>
Rated Capacity (20 hour rate)		<b>110AH</b>
<b>Dimensions</b>	Total Height (including terminals)	<b>8.62"</b> (219mm)
	Height	<b>8.46"</b> (215mm)
	Length	<b>12.91"</b> (328mm)
	Width	<b>6.77"</b> (172mm)
Weight		<b>69.3 lbs</b> (31.7 kg)

## CHARACTERISTICS

<b>Capacity</b> 77°F (25°C)	20 Hour Rate (5.5A to 10.5 Volts)	<b>110AH</b>
	10 Hour Rate (10.4A to 10.5 Volts)	<b>104AH</b>
	5 Hour Rate (18.8A to 10.5 Volts)	<b>94AH</b>
	1 Hour Rate (71.5A to 10.02 Volts)	<b>71.5AH</b>
	30 Min. Rate (121A to 10.02 Volts)	<b>60.5AH</b>
<b>Internal Resistance</b>		Full charged Battery 77°F (25°C) <b>3.5m Ω</b>
<b>Max. Discharge Current</b> 77°F (25°C)		1100A (5s)
<b>Terminal Standard</b>	M8 / Flag	
<b>Charging</b> (Constant Voltage)	<b>Cycle</b>	Max. Charge Current: 33A 14.4 V - 14.7 V/77°F (25°C)
	<b>Float</b>	13.5 V - 13.8 V/77°F (25°C)

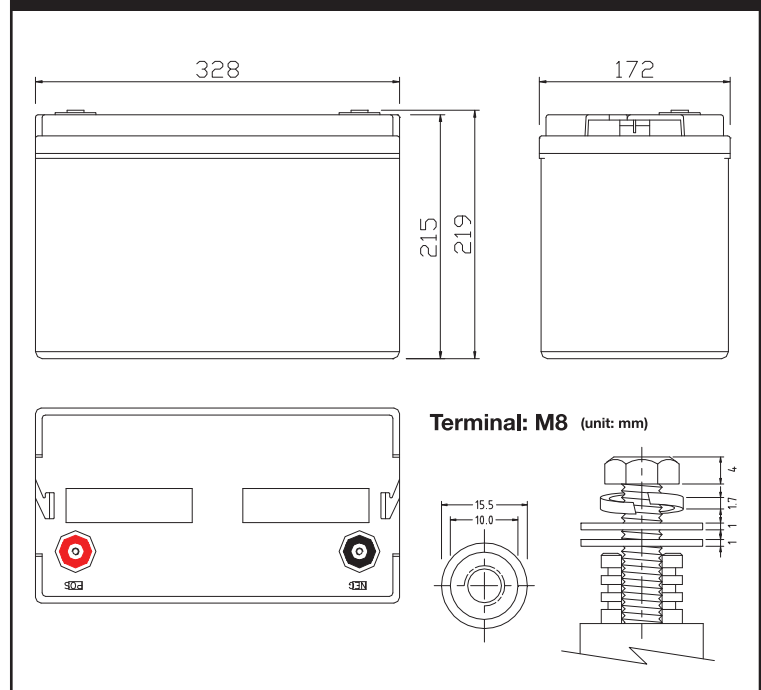
## CRANKING

<b>CA 32°F</b>	<b>CCA 0°F</b>
850	-

## RESERVE CAPACITY

<b>@25 AMPS</b>	<b>@75 AMPS</b>
170 Min.	42 Min.

## SIZE & DETAILED ILLUSTRATION



## CURRENT & WATTAGE CAPACITY @77°F (25°C)

Final Voltage	Time (Mins)											
		5	10	15	30	45	60	180	300	480	600	1200
<b>9.6V</b>	A	343.7	242.2	191.5	123.7	91.5	72.5	29.4	19.4	12.9	10.6	5.7
	W	3559.7	2613.5	2148.9	1387.5	1067.2	870.2	351.3	232.3	157.8	130.6	71.3
<b>10.02V</b>	A	331.3	235.1	186.2	121	90.1	71.5	29.3	19.3	12.8	10.6	5.6
	W	3458.4	2559.9	2104.1	1372	1057.8	862.3	348.5	230.8	156.9	130	70.9
<b>10.2V</b>	A	314.2	226.6	179.2	118.4	89	71.4	29	19.1	12.7	10.5	5.6
	W	3323.2	2490.2	2054.1	1354	1044.7	851.7	345.7	228.9	155.7	129.1	70.3
<b>10.5V</b>	A	293.2	213.9	171.5	114.1	86.5	69.7	28.5	18.8	12.5	10.4	5.5
	W	3093.9	2366.7	1972.7	1319.3	1025.1	835.6	341	225.6	153.6	127.3	69.4
<b>10.8V</b>	A	262.6	194.6	158.9	109.5	83.8	67.9	28	18.4	12.3	10.2	5.4
	W	2870.3	2239.9	1889.0	1280	1002.8	817.8	336.2	222.3	151.4	125.4	68.4

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