

# DC200-8

(200AH/8 Volt)

Industry Reference: GC8H



**DEEP CYCLE SERIES**



## CONSTANT CURRENT DISCHARGE (Amps)

CUT OFF VOLTAGE V/cell	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	182	134	110.8	59.6	45.3	31.7	21.8	18.0	15.33	10.0	8.37

## RESERVE CAPACITY

@25 AMPS	@56 AMPS
390 Minutes	140 Minutes

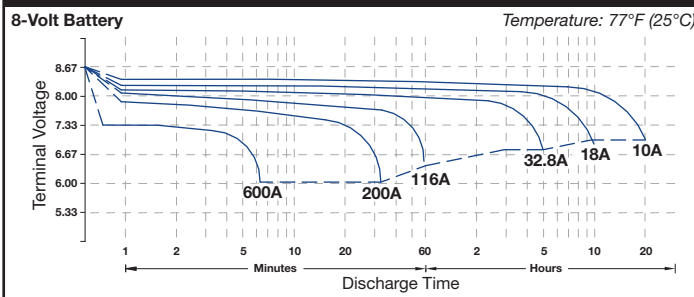
## SPECIFICATIONS

Nominal Voltage		<b>8 Volt</b>
Rated Capacity (20 hour rate)		<b>200 AH</b>
<b>Dimensions</b>	Total Height (including terminals)	<b>299 mm (11.77")</b>
	Height	<b>295 mm (11.61")</b>
	Length	<b>260 mm (10.24")</b>
	Width	<b>182 mm (7.16")</b>
Weight		<b>37.6 kg (82.9 lbs)</b>

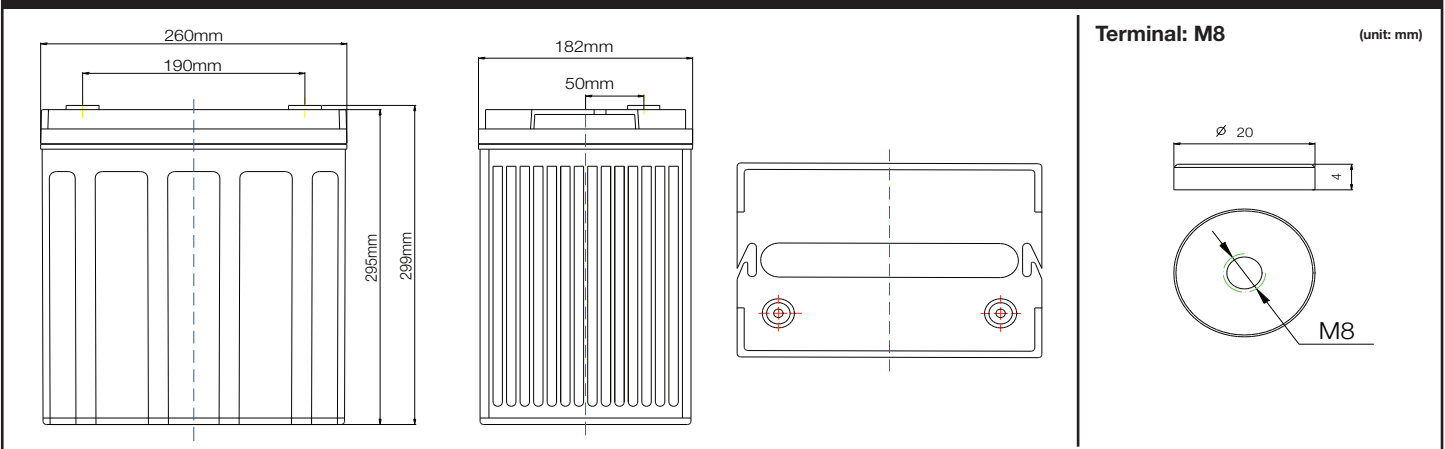
## CHARACTERISTICS

<b>Capacity</b> 77°F (25°C)	20 Hour Rate (10A to 7.0 Volts)	<b>200AH</b>
	10 Hour Rate (18A to 7.0 Volts)	<b>180AH</b>
	5 Hour Rate (32.8A to 6.8 Volts)	<b>164AH</b>
<b>Internal Resistance</b>	Full charged Battery 77°F (25°C)	<b>2.0m Ω</b>
<b>Capacity Affected by Temperature</b> (20 Hour Rate)	104°F (40°C)	<b>102%</b>
	77°F (25°C)	<b>100%</b>
	32°F (0°C)	<b>85%</b>
	5°F (-15°C)	<b>65%</b>
<b>Self-Discharge</b> 77°F (25°C)	Capacity after 3 month storage	<b>91%</b>
	Capacity after 6 month storage	<b>82%</b>
	Capacity after 12 month storage	<b>64%</b>
<b>Max. Discharge Current</b> 77°F (25°C)	2000A (5s)	
<b>Terminal Standard</b>	M8	
<b>Charging</b> (Constant Voltage)	<b>Cycle</b>	Initial Charging Current $\leq 0.2 \times C20$ 9.67 V ~ 9.93 V/77°F (25°C)
	<b>Float</b>	9.06 V ~ 9.2 V/77°F (25°C)

## DISCHARGE CHARACTERISTICS



## SIZE & DETAILED ILLUSTRATION



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