

# DC180-8

(180AH/8 Volt)

Industry Reference: GC8



**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	168	124	102.3	63.2	45.5	29	20	16.5	13.95	9	7.57

### RESERVE CAPACITY

@25 AMPS	@56 AMPS
335 Minutes	125 Minutes

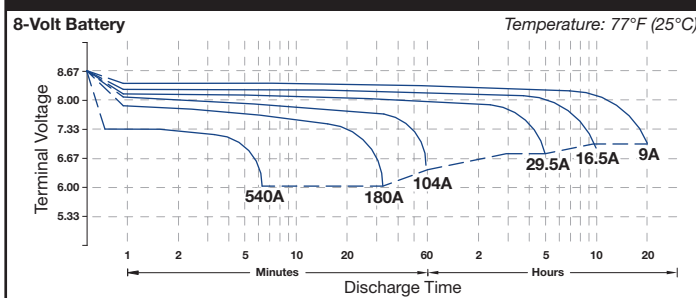
### SPECIFICATIONS

Nominal Voltage		<b>8 Volt</b>
Rated Capacity (20 hour rate)		<b>180 AH</b>
<b>Dimensions</b>	Total Height (including terminals)	<b>272 mm (10.71")</b>
	Height	<b>268 mm (10.55")</b>
	Length	<b>260 mm (10.24")</b>
	Width	<b>182 mm (7.16")</b>
Weight		<b>34.2 kg (75.4 lbs)</b>

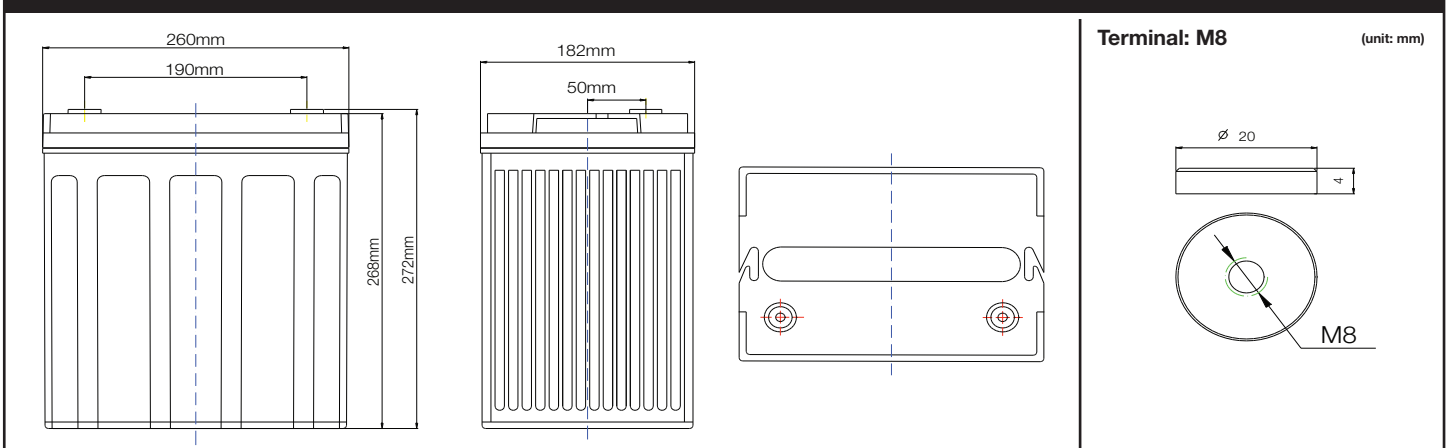
### CHARACTERISTICS

<b>Capacity</b> 77°F (25°C)	20 Hour Rate (9A to 7.0 Volts)	<b>180AH</b>
	10 Hour Rate (16.5A to 7.0 Volts)	<b>165AH</b>
	5 Hour Rate (29.5A to 6.8 Volts)	<b>147.5AH</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 Cycle</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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