

# DC140-12

(140AH/12 Volt)

Industry Reference: DIN



**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	135.2	96.7	76.9	44.3	31.8	22.7	15.3	12.6	10.9	7.0	5.9

## CRANKING PERFORMANCE

CA 32°F	CCA 0°F
950	795

## RESERVE CAPACITY

@25 Amps	@75 Amps
260 minutes	62 minutes

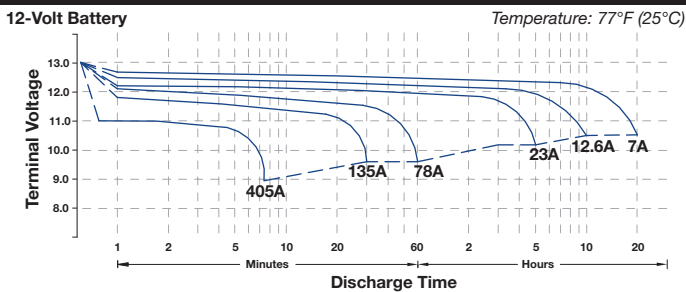
## SPECIFICATIONS

Nominal Voltage		<b>12 Volt</b>
Rated Capacity (20 hour rate)		<b>140 AH</b>
<b>Dimensions</b>	Total Height (including terminals)	<b>289 mm (11.38")</b>
	Height	<b>264 mm (10.39")</b>
	Length	<b>341 mm (13.43")</b>
	Width	<b>172 mm (6.77")</b>
Weight		<b>43.1 kg (94.82 lbs)</b>

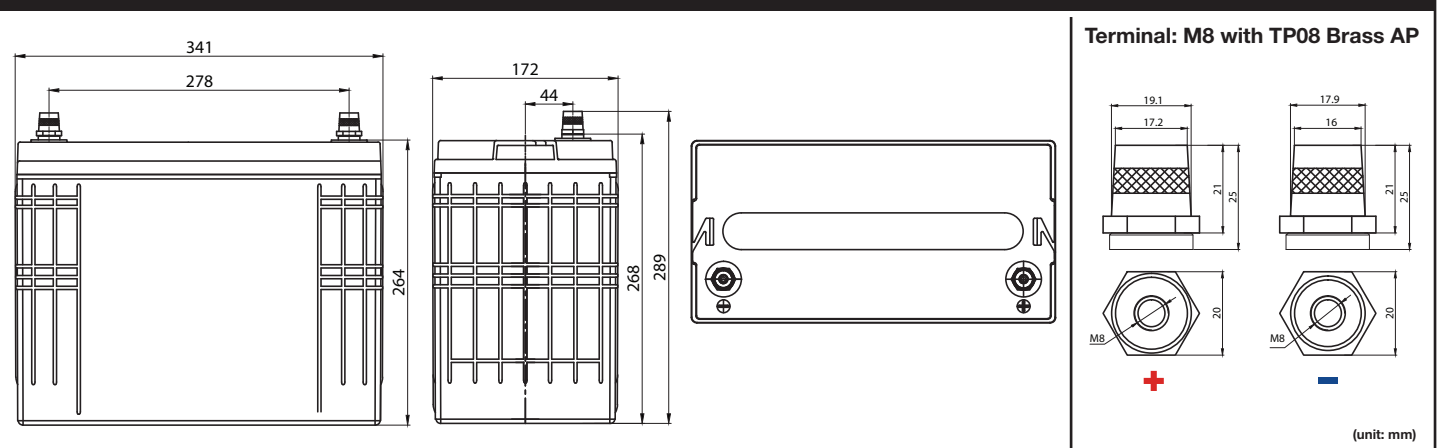
## CHARACTERISTICS

<b>Capacity</b> 77°F (25°C)	20 Hour Rate (7A to 10.5 Volts)	<b>140AH</b>
	10 Hour Rate (12.6A to 10.5 Volts)	<b>126AH</b>
	5 Hour Rate (23A to 10.2 Volts)	<b>115AH</b>
<b>Internal Resistance</b>	Full charged Battery 77°F (25°C)	<b>3.6m 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</b> Current 77°F (25°C)	1400A (5s)	
<b>Terminal</b>	<b>Standard</b>	M8 with TP08 Brass AP
<b>Charging</b> (Constant Voltage)	<b>Cycle</b>	Initial Charging Current $\leq 0.2 \times C20$ 14.4 V ~ 14.9 V/77°F (25°C)
	<b>Float</b>	13.6 V ~ 13.8 V/77°F (25°C)

## DISCHARGE CHARACTERISTICS



## SIZE & DETAILED ILLUSTRATION



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/specifications are subject to modifications without notice. Contact Fullriver for the latest information.