

# DC35-12

(35AH/12 Volt)

Industry Reference: U1



**DEEP CYCLE SERIES**



## CONSTANT CURRENT DISCHARGE (Amps)

CUT OFF VOLTAGE V/cell	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	48	35	26.3	20.6	10.7	7.9	5.6	3.9	3.2	2.7	1.75	1.5

## CRANKING PERFORMANCE

CA 32°F	CCA 0°F
230	190

## RESERVE CAPACITY

@25 AMPS
52 Minutes

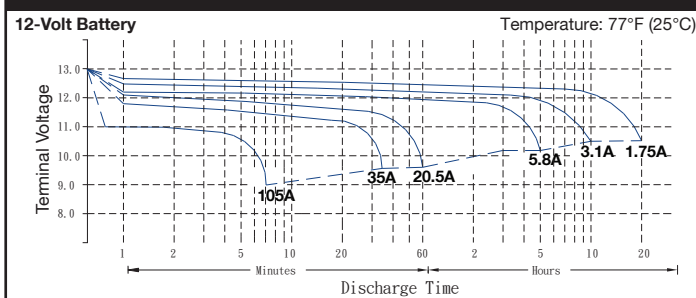
## SPECIFICATIONS

Nominal Voltage		<b>12 Volt</b>
Rated Capacity (20 hour rate)		<b>35 AH</b>
<b>Dimensions</b>	Total Height (including terminals)	<b>167 mm (6.57")</b>
	Height	<b>155 mm (6.10")</b>
	Length	<b>196 mm (7.72")</b>
	Width	<b>131 mm (5.16")</b>
Weight		<b>11.5 kg (25.35 lbs)</b>

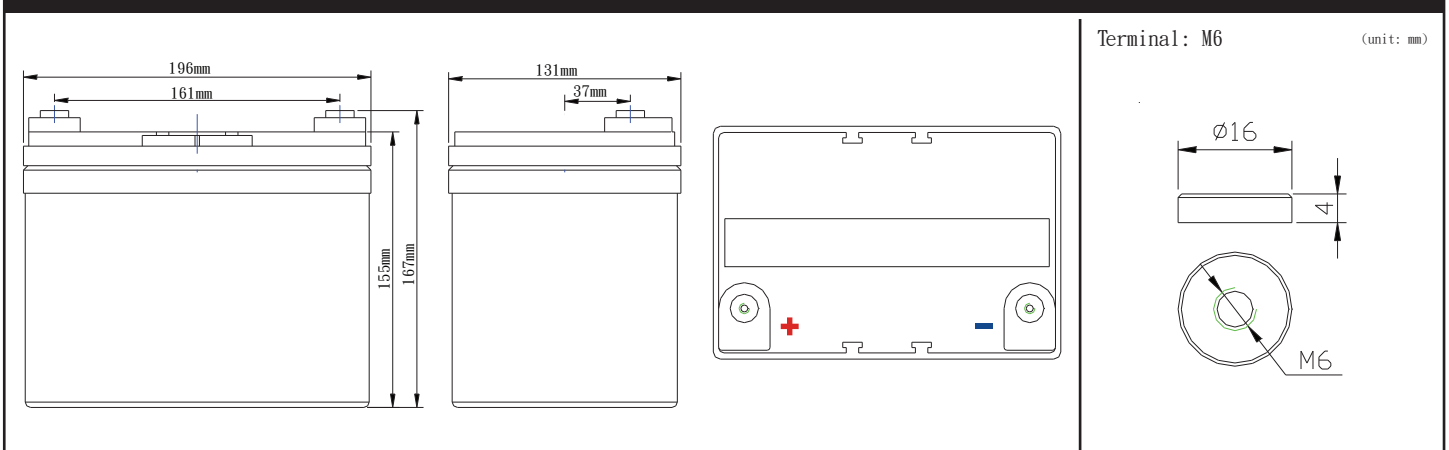
## CHARACTERISTICS

<b>Capacity</b> 77°F (25°C)	20 Hour Rate (1.75A to 10.5 Volts)	<b>35AH</b>
	10 Hour Rate (3.2A to 10.5 Volts)	<b>32AH</b>
	5 Hour Rate (5.8A to 10.2 Volts)	<b>29AH</b>
<b>Internal Resistance</b>	Full charged Battery 77°F (25°C)	<b>9m 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)		450A (5s)
<b>Terminal</b>	Standard	M6
<b>Charging</b> (Constant Voltage)	<b>Cycle</b>	Initial Charging Current $\leq 0.2 \times C20$ 14.5 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.