

# 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

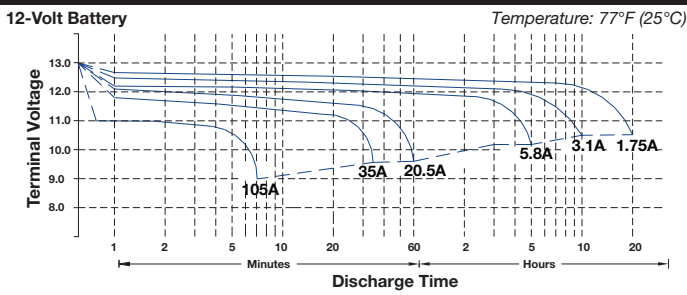
## SPECIFICATIONS

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>

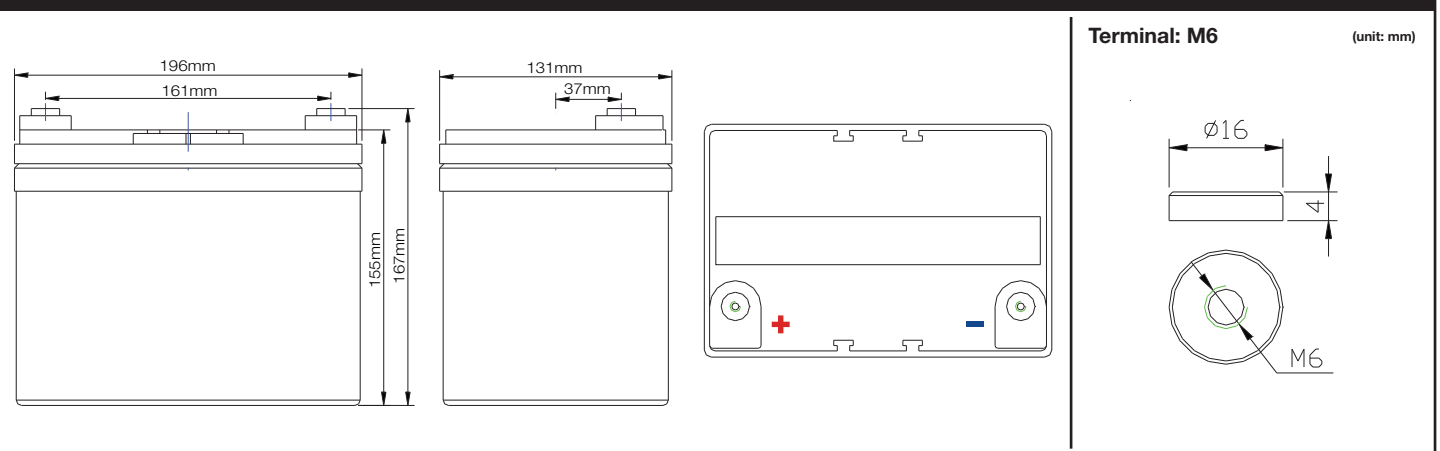
## CHARACTERISTICS

<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>
	104°F (40°C)	<b>102%</b>
<b>Capacity Affected by Temperature</b> (20 Hour Rate)	77°F (25°C)	<b>100%</b>
	32°F (0°C)	<b>85%</b>
	5°F (-15°C)	<b>65%</b>
	Capacity after 3 month storage	<b>91%</b>
<b>Self-Discharge</b> 77°F(25°C)	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)	450A (5s)
<b>Terminal</b>	<b>Standard</b>	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



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