

Model DC85-12

(85AH/12 Volt)

BCI GROUP: 24



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	79	58	48.3	25.6	19.2	13.5	9.2	7.7	6.5	4.3	3.6

RESERVE CAPACITY

@25 AMPS	@75 AMPS
145 Minutes	34 Minutes

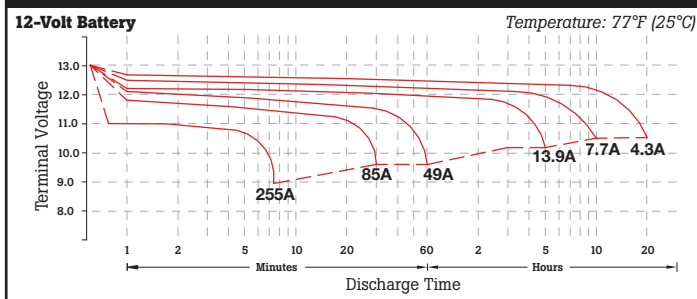
SPECIFICATIONS

Nominal Voltage		12 Volt
Rated Capacity (20 hour rate)		85AH
Dimensions	Total Height (including terminals)	215mm (8.46")
	Height	211m (8.31")
	Length	260mm (10.24")
	Width	169mm (6.65")
Weight		25.1 kg (55.3 lbs)

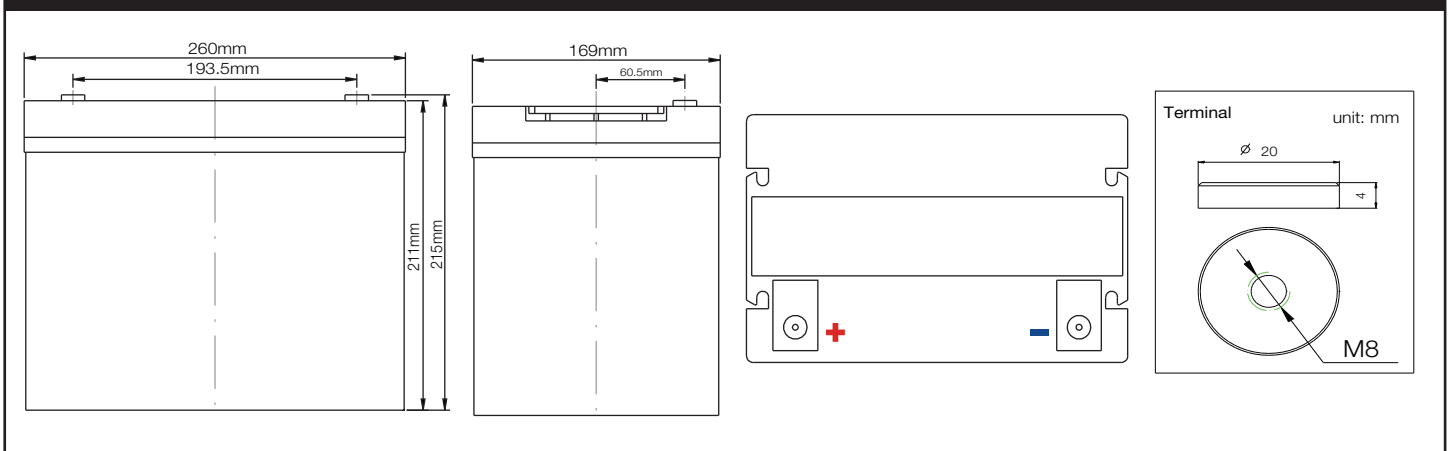
CHARACTERISTICS

Capacity 77°F (25°C)	20 Hour Rate (4.3A to 10.5 Volts)	85AH
	10 Hour Rate (7.7A to 10.5 Volts)	77AH
	5 Hour Rate (13.9A to 10.2 Volts)	70AH
Internal Resistance	Full charged Battery 77°F (25°C)	5.5m Ω
Capacity Affected by Temperature (20 Hour Rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Self-Discharge 77°F (25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F (25°C)	1275A (5s)	
Terminal Standard	M8 (w/ TPO8 Brass AP & M included)	
Charging (Constant Voltage)	Cycle	Initial Charging Current $\leq 0.2 \times C20$ 14.5V ~ 14.9V/77°F (25°C)
	Float	13.6V ~ 13.8V/77°F (25°C)

DISCHARGE CHARACTERISTICS



SIZE & DETAILED ILLUSTRATION



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