

DC105-12

(105AH/12 Volt)

Industry Reference: 27



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	145	97.7	72.5	59.6	31.6	23.7	16.7	11.4	9.5	8.1	5.25	4.4

CRANKING PERFORMANCE

CA 32°F	CCA 0°F
820	680

RESERVE CAPACITY

@25 Amps	@75 Amps
175 minutes	43 minutes

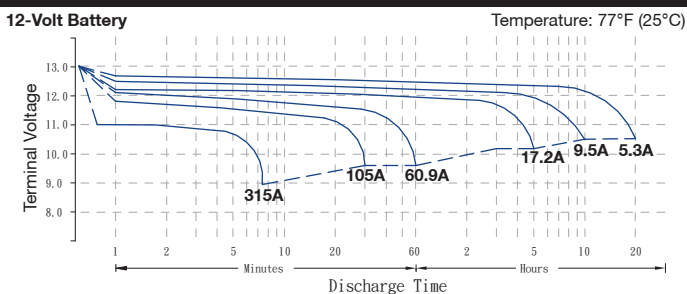
SPECIFICATIONS

Nominal Voltage		12 Volt
Rated Capacity (20 hour rate)		105 AH
Dimensions	Total Height (including terminals)	215 mm (8.46")
	Height	211 mm (8.31")
	Length	307 mm (12.07")
	Width	169 mm (6.65")
Weight		30.2 kg (66.58 lbs)

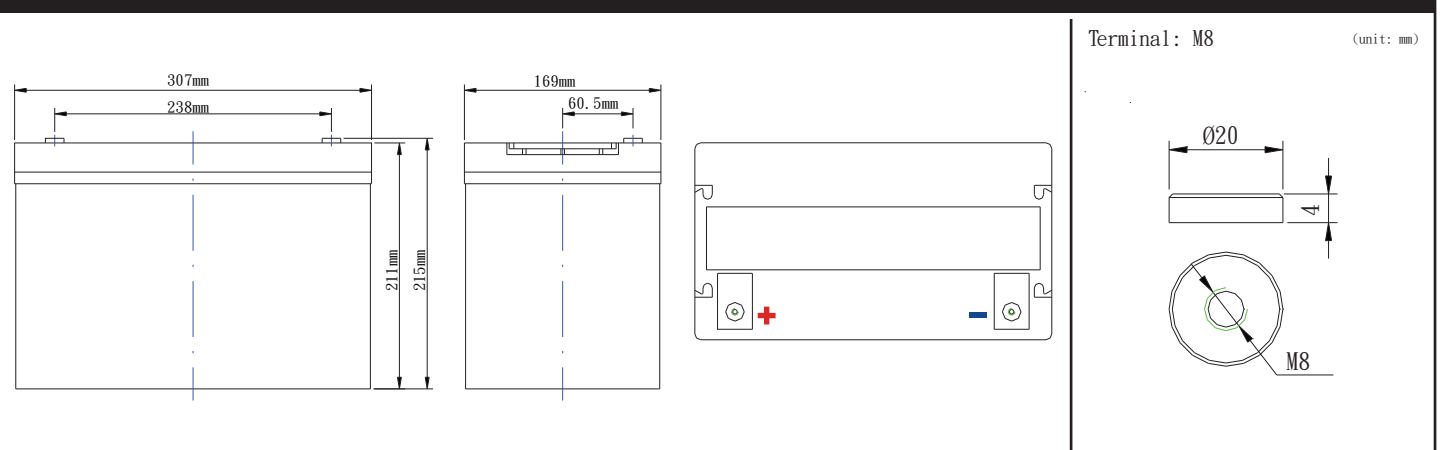
CHARACTERISTICS

Capacity 77°F (25°C)	20 Hour Rate (5.25A to 10.5 Volts)	105AH
	10 Hour Rate (9.5A to 10.5 Volts)	95AH
	5 Hour Rate (17.2A to 10.2 Volts)	86AH
Internal Resistance	Full charged Battery 77°F (25°C)	4.0m 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	1050A (5s)	
Terminal	Standard	M8 (w/ TP08 Brass AP included)
Charging (Constant Voltage)	Cycle	Initial Charging Current $\leq 0.2 \times C20$ 14.5 V ~ 14.9 V/77°F (25°C)
	Float	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.