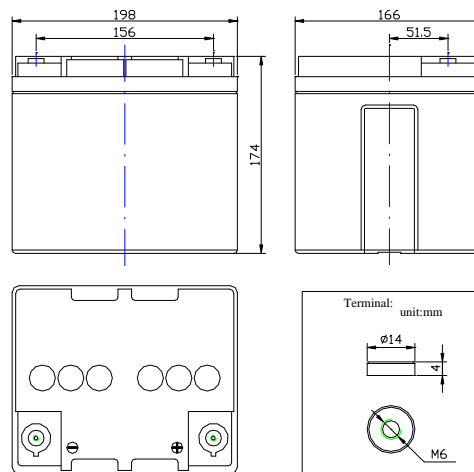


□ DC38-12



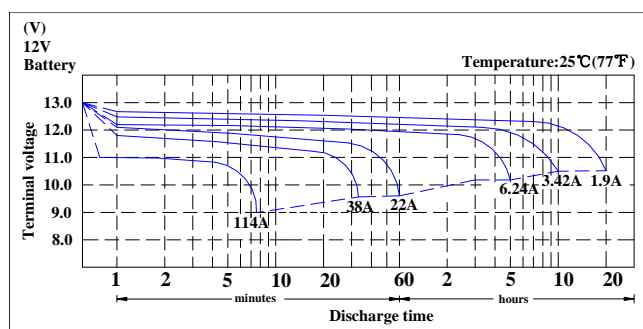
Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		38AH
Dimension	Total Height (with terminals)	174mm(6.85inches)
	Height	174mm(6.85 inches)
	Length	198mm(7.80 inches)
	Width	166mm(6.54inches)
Weight		Approx.13.3kg (29.26lbs)

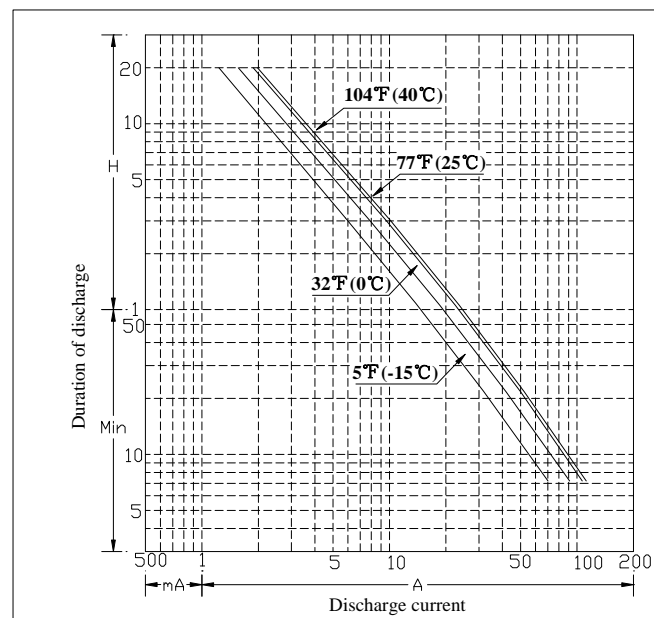
Characteristics

Capacity 77°F (25°C)		20 hour rate (1.9A to 10.5Volts)	38AH
		10 hour rate (3.42A to 10.5Volts)	34.2AH
		5 hour rate (6.24A to 10.2Volts)	31.2AH
Internal Resistance		Full charged Battery 77°F (25°C)	6.5m 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%
Standard Terminal		M6	
Max. Discharge Current 77°F (25°C)		600A (5s)	
Cranking Performance		Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C)	315A
		Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C)	265A
Reserve Capacity (Minutes to 10.5V at 80°F (27°C)		@ 25Amps	52Min
		@ 75Amps	-
Charging (Constant Voltage)	Cycle	Initial Charging Current 7.6A Or Small 14.5V~14.9V/77°F (25°C)	
	Float	13.6V~13.8V/77°F (25°C)	

Discharge characteristics 77°F (25°C)



Duration of discharge vs. Discharge current



Constant Current Discharge Rating Amperes @ 77 °F (25°C)

Cut off voltage V/cell	15M	30M	45M	1H	2H	3H	5H	8H	10H	12H	20H	24H
1.75V	58	36	27	21.6	11.4	8.6	6.0	4.1	3.42	2.91	1.90	1.59