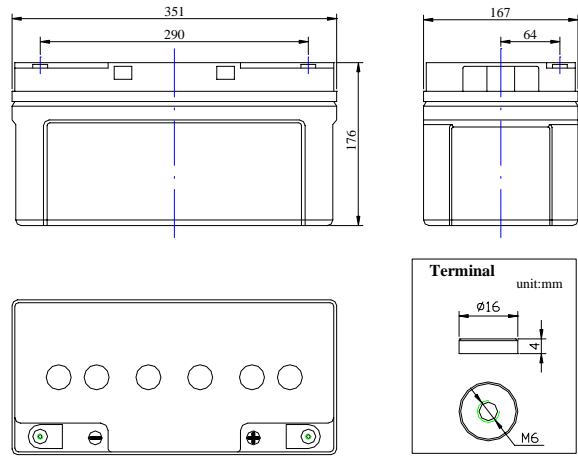


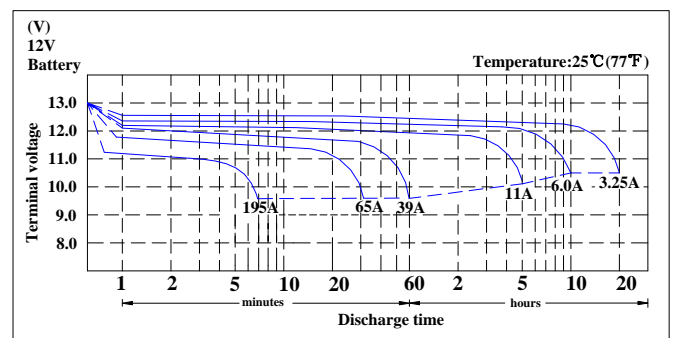
HL65-12



Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		65AH
Dimension	Total Height (with terminals)	176mm(6.93inches)
	Height	176mm(6.93inches)
	Length	351mm(13.82inches)
	Width	167mm(6.57inches)
Weight		Approx.23.2kg (51.04lbs)

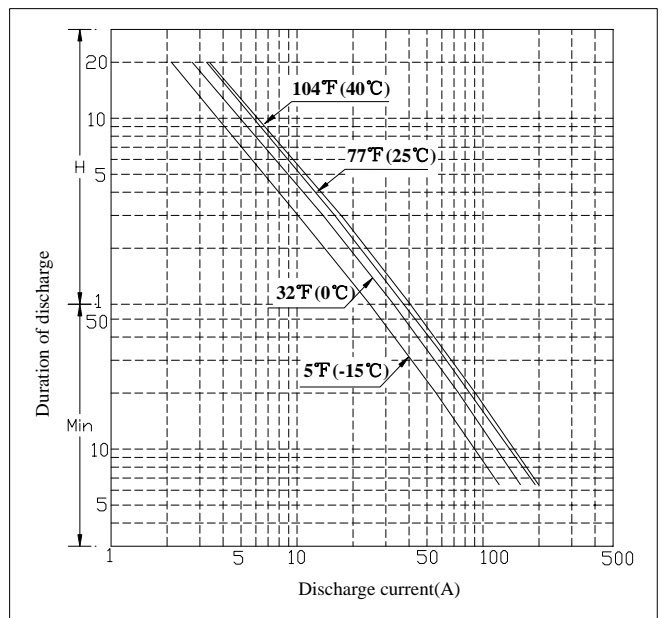
Discharge characteristics 77°F (25°C)



Characteristics

Capacity 77°F (25°C)	20 hour rate (3.25A to 10.5Volts)	65AH
	5 hour rate (55A to 10.2Volts)	55AH
	1 hour rate (39A to 9.6Volts)	39AH
Internal Resistance	Full charged Battery 77°F (25°C)	7 mΩ
Standard Terminal	M6	
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	88%
	Capacity after 6 month storage	76%
	Capacity after 12 month storage	53%
Max. Discharge Current 77°F (25°C)	900A (5s)	
Reserve Capacity (Minutes to 10.5V at 80°F (27°C))	@ 25Amps	100Min
	@ 75Amps	22Min
Charging (Constant Voltage)	Cycle	Initial Charging Current 13A Or Small 14.5V~14.9V/77°F (25°C)
	Float	13.6V~13.8V/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
1.70V	107	63.6	46.3	36.7	21.3	16.11	10.95	7.43	6.06	5.16	3.26	2.73
1.75V	100	61.8	45.4	36.2	21.0	15.93	10.83	7.39	6.05	5.15	3.25	2.72