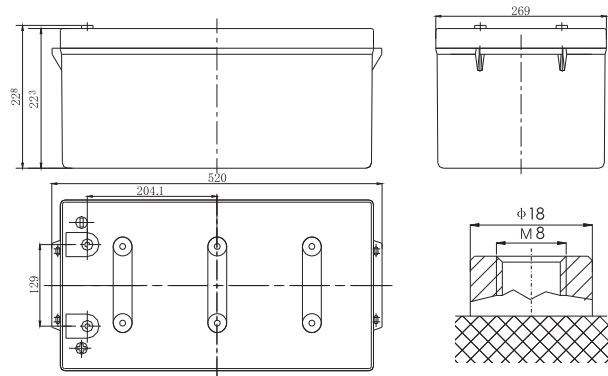




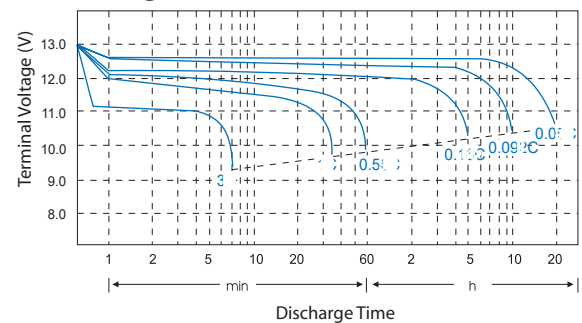
Specifications

Nominal Voltage		12V
Rated Capacity(10 hour rate)		250Ah
Dimensions	Total Height (with terminals)	9.01 inches (229mm)
	Height	8.82 inches (224mm)
	Length	20.47 inches (520mm)
	Width	10.59 inches (269mm)
Weight		Approx. 152.24 Pound(69.2kg)

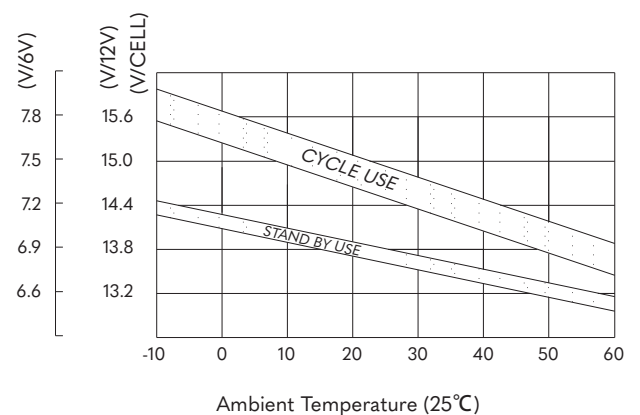
Characteristics

Capacity 77°F (25°C)	10 hour rate (6.5A)	250 Ah
	5 hour rate (10.4A)	200 Ah
	1hour rate (39.0A)	150 Ah
	15minute rate (107A)	102.5 Ah
Internal Resistance	Full Charged Battery 77°F (25°C)	3.1 m Ω
	104°F (40°C)	102%
Capacity Affected by Temperature (20hour rate)	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
	Capacity after 3 months storage	91%
Self-Discharge 77°F (25°C)	Capacity after 6 months storage	81%
	Capacity after 12 months storage	60%
Max. Discharge Current 77°F (25°C)		1666A(5S)
Terminal		T5
Charge (Constant Voltage)	Cycle	Initial Charging Current Less than 75A
		Voltage 14.1V / 77°F (25°C) Equalization temperature compensation coefficient: - 24mV/C
	Float	Voltage 13.5V / 77°F (25°C) Compensation coefficient of floating charging temperature: - 18mV/C

Discharge Curves 77°F(25°C)



Relationship Between Charge Voltage and Temperature



■ Constant Current Discharge (Amperes @25°C)

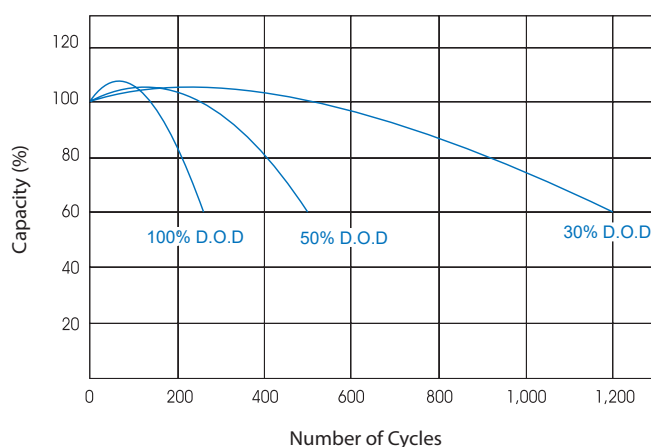
FV/Time	10Min	15Min	30Min	60Min	2H	3H	4H	5H	8H	10H	20H
1.60	502	410	246	159	91.7	65.1	50.9	43.3	29.7	26.7	14.8
1.65	483	394	236	153	88.2	65.0	50.4	43.2	29.4	26.5	14.6
1.70	455	358	221	152	88.0	64.4	49.1	42.8	28.8	26.0	14.4
1.75	397	317	190	150	87.5	62.8	48.3	41.9	28.4	25.4	14.0
1.80	381	305	183	144	84.1	62.5	46.5	40.0	27.3	25.0	13.8
1.85	313	265	168	132	80.7	60.4	44.2	38.5	25.9	24.0	13.2

■ Constant Power Discharge (Watts Per Cell@25°C)

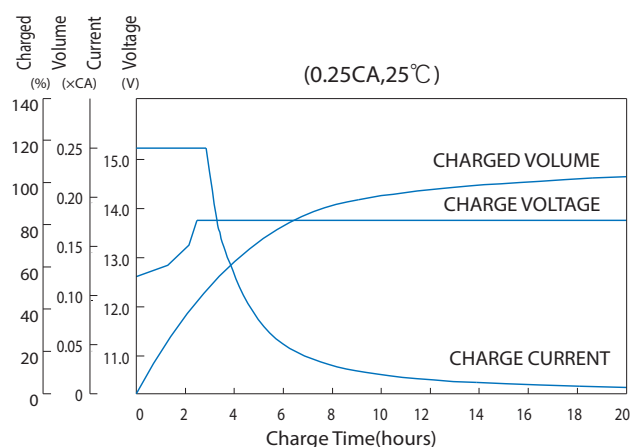
FV/Time	10Min	15Min	30Min	60Min	2H	3H	4H	5H	8H	10H	20H
1.60	871	681	436	289	173	120	94.5	79.0	54.4	50.4	27.8
1.65	864	676	429	285	170	118	93.5	78.8	54.1	50.2	27.4
1.70	840	661	414	274	168	117	92.8	78.3	53.8	49.9	27.1
1.75	786	624	370	270	166	116	91.9	77.5	53.1	49.2	26.3
1.80	730	586	351	264	163	115	91.1	76.8	52.1	48.3	25.9
1.85	606	513	321	259	155	112	87.2	71.5	48.6	45.0	24.8

The operating environment temperature above 40°C should be avoided ,After long time storage, The battery actual capacity would be less than the rated capacity. Full capacity will be obtained through several charge/discharge cycles.

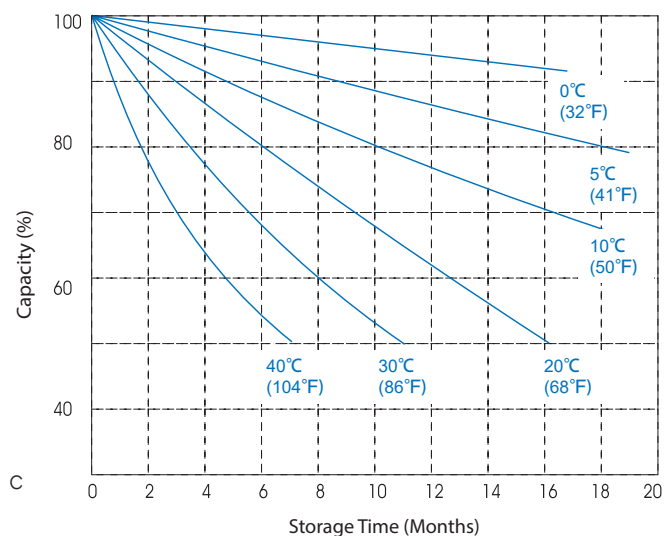
■ Cycle Service Life in Relation to Depth of Discharge



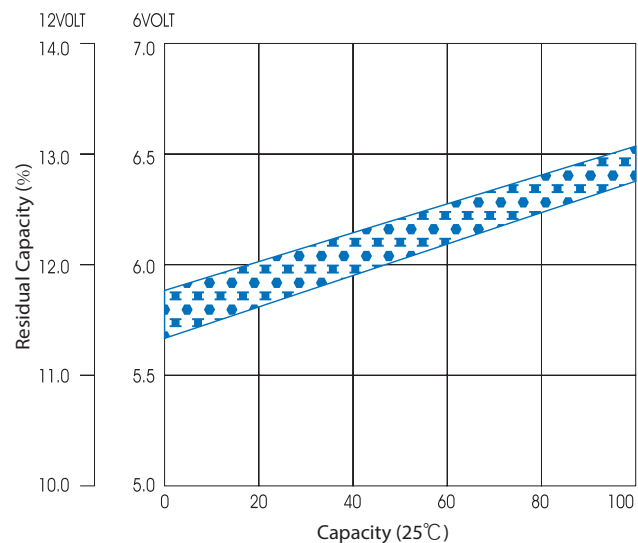
■ Constant Voltage Charge Characteristic



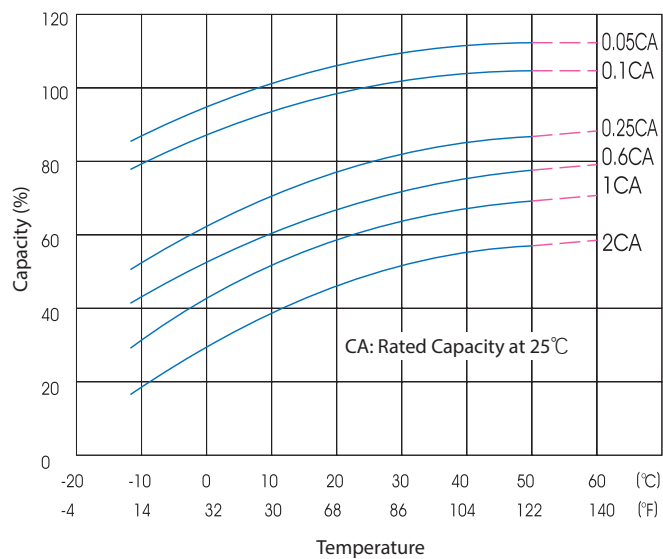
■ Self-Discharge Characteristics



■ Relationship of OCV and Residual Capacity % (25°C)



Temperature Effects on Capacity



Temperature Effects Float Life

