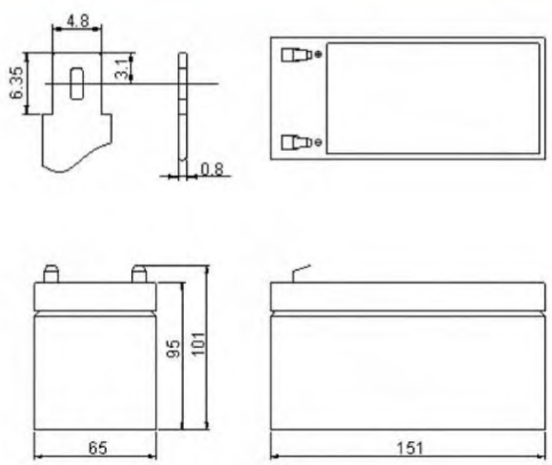
Outlast®

• Specifications

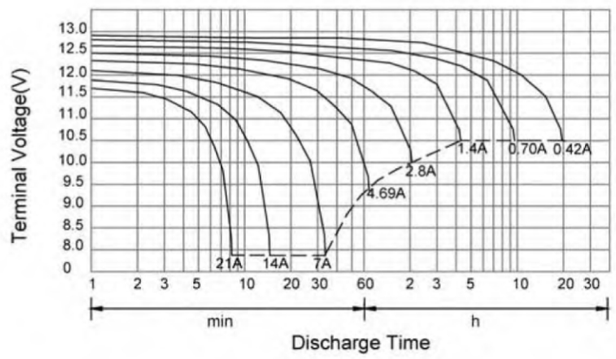
Nominal Voltage		12V
Rated Capacity		8Ah
Dimensions	Total Height	3.98 inches (101mm)
	Height	3.74 inches (95mm)
	Length	5.94inches (151mm)
	Width	2.56 inches (65mm)
Approximate Weight		2.4KG

• Characteristic

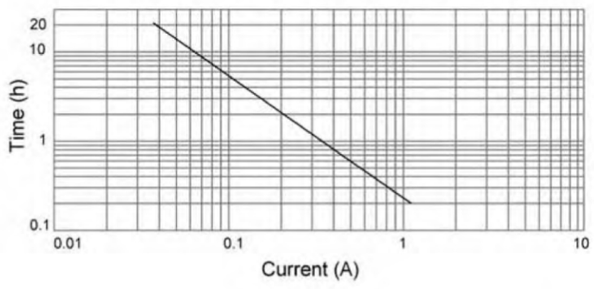
Capacity 77°F(25°C)	20h rate (0.4A)	8Ah
	10h rate (0.75A)	7.5Ah
	5h rate (1.38A)	6.9Ah
	1h rate(0.52A)	5.2Ah
	15 min rate (13.2A)	3.3Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	25mΩ
Capacity Affected by Temperature (20h rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-Discharge 68°F(20°C) (Capacity after)	3 month storage	90%
	6 month storage	80%
	12 month storage	60%
Max. Discharge Current 77°F(25°C)	105(5s)	
Terminal	F1/F2	
Charge (Constant Voltage,25°C)	Cycle	14.5~14.9V(-24mV/°C) max. current:2.8A
	Float	13.6~13.8V(-18mV/°C)



DISCHARGE CHARACTERISTICS AT 25°C(77° F)*

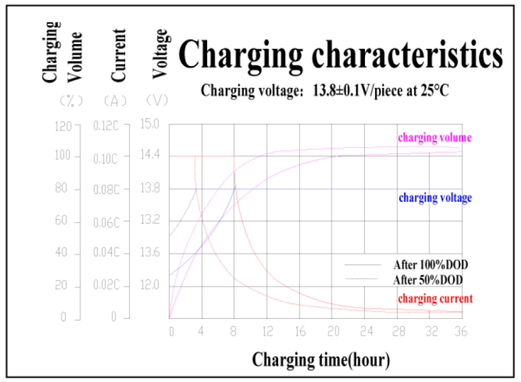


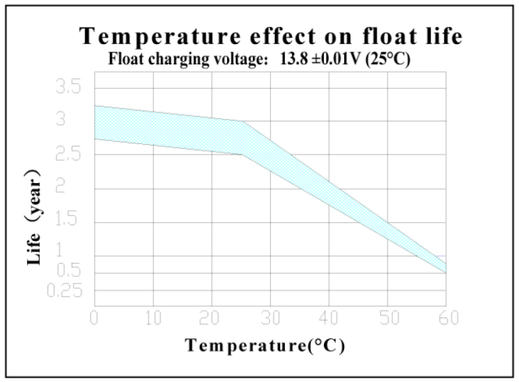
DISCHARGE CURRENT V'S TIME 25°C(77°F)

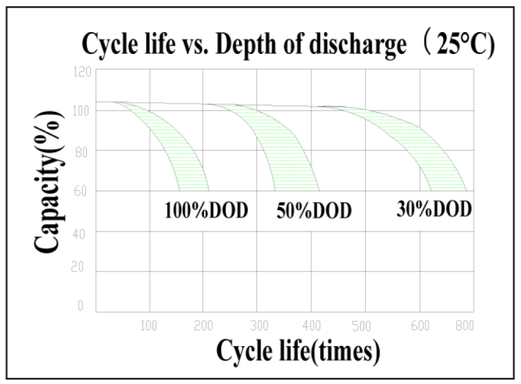


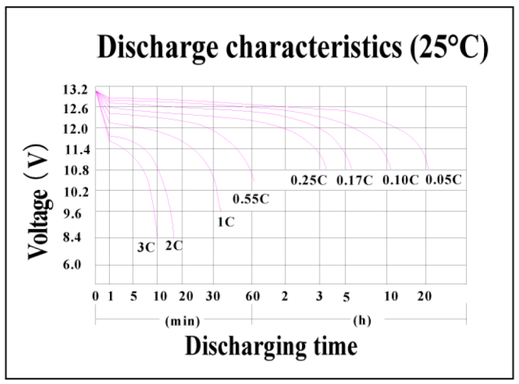
*The above data are of average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.

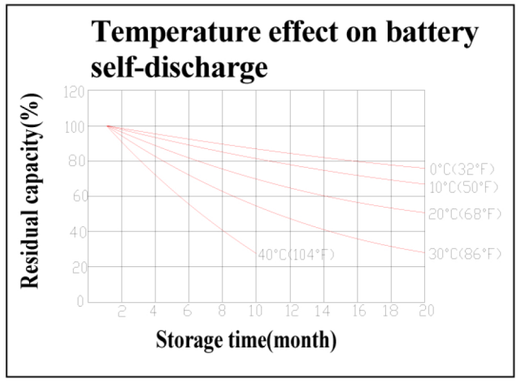
Performance Characteristics

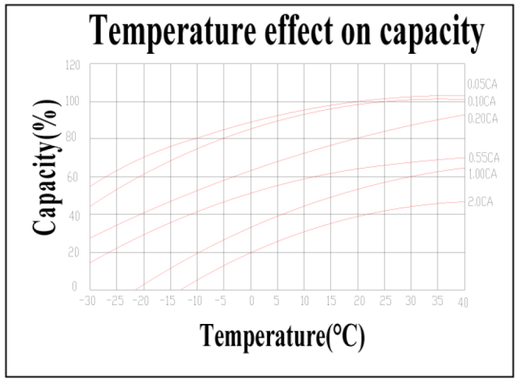












Discharge Constant Current per Cell (Amperes at 77°F25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	24.75	16.50	12.42	8.25	5.78	4.95	3.09	2.12	1.41	0.95	0.79	0.41
1.65V	24.30	16.20	12.19	8.10	5.67	4.86	3.04	2.08	1.39	0.93	0.77	0.41
1.70V	23.85	15.90	11.96	7.95	5.57	4.77	2.98	2.04	1.36	0.92	0.76	0.40
1.75V	23.40	15.60	11.74	7.80	5.46	4.68	2.93	2.00	1.34	0.90	0.74	0.39
1.80V	22.50	15.00	11.29	7.50	5.25	4.50	2.81	1.93	1.28	0.86	0.71	0.38

Discharge Constant Power per Cell (Watts at 77°F 25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	47.64	31.76	23.90	15.88	11.12	9.53	5.96	4.08	2.72	1.83	1.51	0.79
1.65V	46.78	31.19	23.46	15.59	10.91	9.36	5.85	4.01	2.67	1.80	1.48	0.78
1.70V	45.91	30.61	23.03	15.30	10.71	9.18	5.74	3.93	2.62	1.76	1.46	0.77
1.75V	45.05	30.03	22.60	15.02	10.51	9.01	5.63	3.86	2.57	1.73	1.43	0.75
1.80V	43.31	28.88	21.73	14.44	10.11	8.66	5.41	3.71	2.47	1.66	1.37	0.72