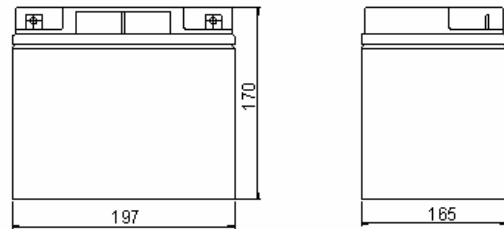


● Specifications

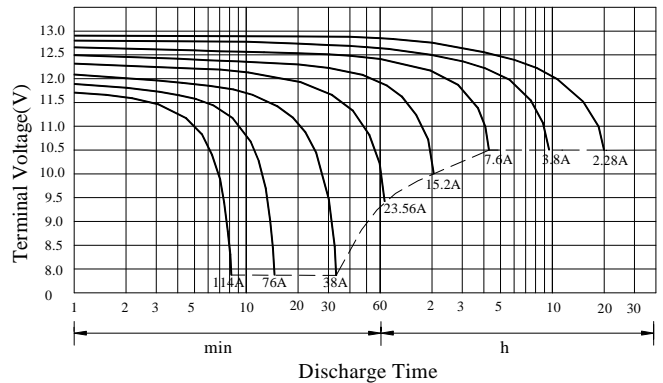
Nominal Voltage		12V
Rated Capacity		45Ah
Dimensions	Total Height	6.69 inches (170mm)
	Height	6.69 inches (170mm)
	Length	7.76 inches (197mm)
	Width	6.50 inches (165mm)
Approximate Weight		28.6 lbs. (13.0kg)



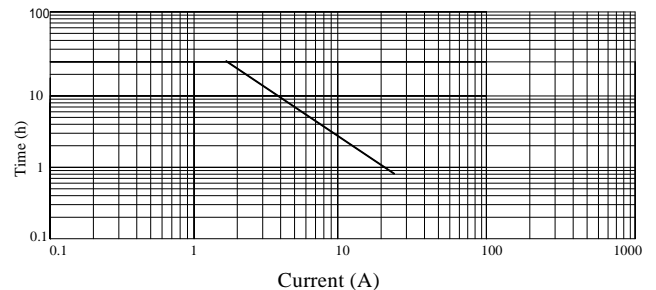
● Characteristic

Capacity 77°F(25°C)	20h rate (2.25A)	45Ah
	10h rate (4.19A)	41.9Ah
	5h rate (7.20A)	36.0Ah
	1h rate (27.9A)	27.9Ah
	15 min rate (79.2A)	19.8Ah
Internal Resistance	Full Charged Battery 77°F(25°C)	8.5m
Capacity Affected by Temperature (20h rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
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)	400A(5s)	
Terminal	T4 /T12	
Charge (Constant Voltage,25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 12 A
	Float	13.6~13.8V(-18mV/°C)

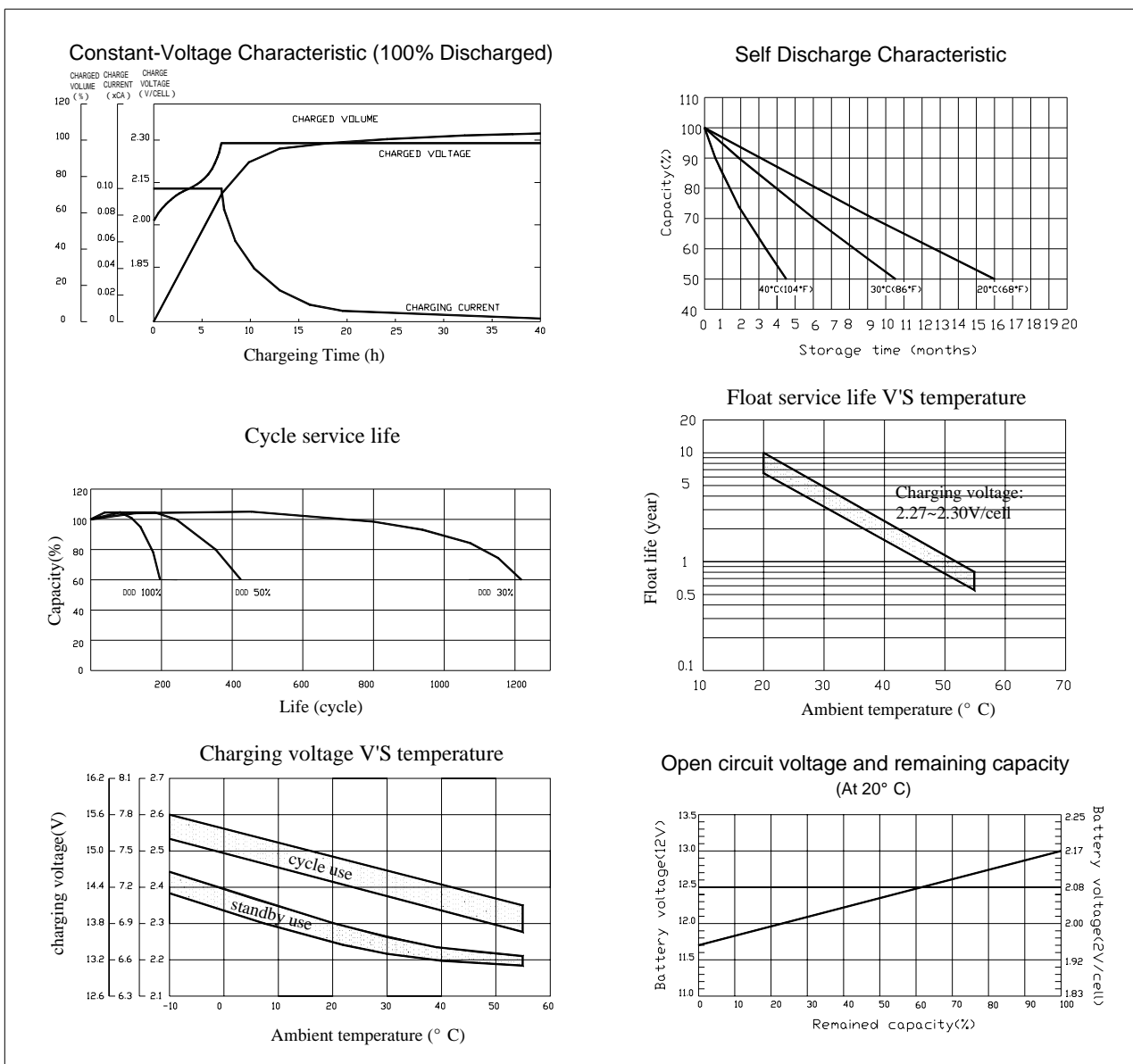
DISCHARGE CHARACTERISTICS AT 25° C(77° F)\*



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.



● **Constant wattage discharge at stipulated cut-off voltages: Watt/Ah/Cell at 25°C**

Final voltage (V/cell)	5m	10m	15m	30m	45m	1h	2h	5h	10h	20h
1.60V	257.73	181.36	143.18	90.41	66.95	54.41	31.36	14.73	8.32	3.68
1.65V	245.45	177.27	140.45	89.73	66.27	52.91	31.36	14.73	8.32	3.68
1.70V	238.64	171.82	136.23	87.41	64.77	51.55	31.36	14.73	8.32	3.68
1.75V	214.09	160.91	128.18	84.55	62.73	49.91	30.68	14.59	8.32	3.68
1.80V	192.27	148.64	120.27	81.41	62.45	49.64	29.86	14.32	8.05	3.68