

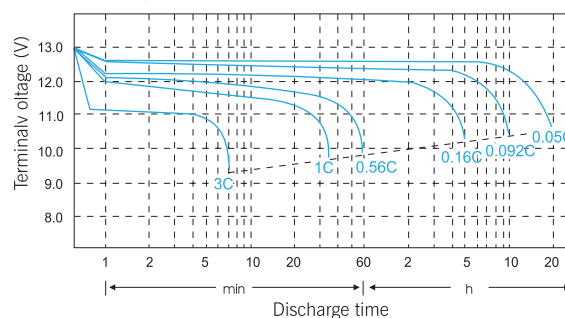
Specifications

Nominal Voltage	12V	
Rated Capacity (20 hour rate)	9Ah	
Dimensions	Total Height (with terminals)	100mm
	Height	151mm
	length	94mm
	width	65mm
Weight	Approx. 2.51kg	

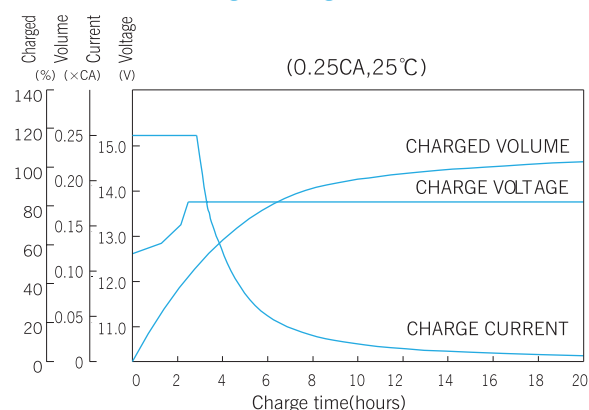
Characteristics

Capacity 25°C	20 hour rate (0.45A)	9.0 Ah
	10 hour rate (0.83A)	8.3 Ah
	5 hour rate (1.44A)	7.2 Ah
	1hour rate (5.40 A)	5.4 Ah
	15Minute Rate (15.6 A)	3.9 Ah
Internal Resistance	Full charged Battery 25°C	13 MΩ
Capacity affected by Temperature (20hour rate)	40°C	102%
	25°C	100%
	0°C	85%
Self-Discharge 25°C	Capacity after 3 month storage	91%
	Capacity after 6 month storage	81%
	Capacity after 12 month storage	60%
Max. Discharge Current 25°C	135A(5S)	
Terminal	F2	
Charge (Constant Voltage)	Cycle	Initial Charging Current less than 27A Voltage 14.4~14.7 V /25°C
	Float	Voltage 13.5~13.8V / 25°C

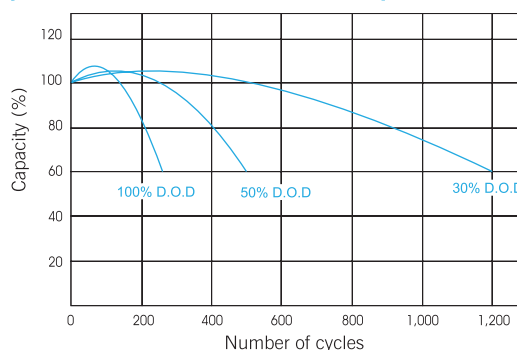
Discharge Curves 25°C



Constant voltage charge characteristic



Cycle service life in relation to depth of discharge



Constant Current Discharge (AMPERES @25°C)

F.V/Time	5Min	10Min	15Min	30Min	60Min	2H	3H	4H	5H	10H	20H
9.6	34.3	21.8	17.5	9.72	5.94	3.36	2.31	1.85	1.57	0.86	0.46
9.9	22.5	21.2	16.8	9.45	5.79	3.24	2.29	1.84	1.56	0.85	0.45
10.2	32.0	20.3	16.3	9.27	5.63	3.20	2.26	1.82	1.56	0.84	0.45
10.5	30.6	19.4	15.7	9.18	5.49	3.15	2.25	1.80	1.53	0.84	0.45
10.8	28.8	19.3	14.9	8.91	5.31	3.06	2.21	1.76	1.51	0.82	0.44

Constant Power Discharge (WATTS PER CELL@25°C)

F.V/Time	5Min	10Min	15Min	30Min	60Min	2H	3H	4H	5H	10H	20H
9.6	382	245	198	111	68.6	39.2	27.5	22.1	18.7	10.2	5.48
9.9	373	238	191	108	66.9	37.9	22.2	21.9	18.6	10.2	5.46
10.2	357	228	185	106	65.1	37.5	26.9	21.7	18.5	10.1	5.44
10.5	342	219	178	105	63.6	37.0	26.8	21.5	18.3	10.1	5.42
10.8	322	218	169	102	61.6	36.0	26.5	21.0	18.1	9.85	5.33

