

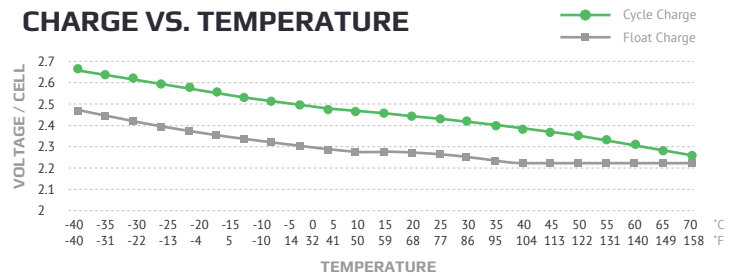
SPECIFICATION		
Nominal Voltage	12V	
Rated Capacity (10 hour rate)	26 AH	
Dimension	Total Height (top of terminal)	125mm (4.9")
	Height	125mm (4.9")
	Length	175mm (6.9")
	Width	166mm (6.5")
Weight	Approximately 7.8 kg / 17.2 lbs	
Capacity 25°C (77°F)	120 hour rate (0.25A)	31AH
	20 hour rate (1.45A)	29AH
	10 hour rate (2.6A)	26AH
Internal Resistance	Fully charged Battery 25°C (77°F)	< 8.5mΩ
Self-Discharge 25°C (77°F)	Capacity after 3 month storage	95%
	Capacity after 6 month storage	85%
	Capacity after 12 month storage	80%
Max Discharge Current 25°C (77°F)	260 A (5s)	
Terminal	Standard	M5 (10)
	Optional	
Charging (constant voltage)	Cycle	Initial Charging Current 7.8A 14.7V / 25°C (77°F)
	Float	13.6V / 25°C (77°F)



DISCHARGE CURRENT AND END VOLTAGE

Discharge current (A)	End voltage (V)
0.05C or below or Intermittent discharge	11.4
0.05C of current close to it	11.1
0.1C of current close to it	10.8
0.2C of current close to it	10.5
From 0.2C to 0.5C	10.2
From 0.5C to 1C	9.6
From 1C to 3C	9.0
Current in excess of 3C	7.8

CHARGE VS. TEMPERATURE



CELL CHARGE VOLTAGE VS. TEMPERATURE CHART

Temperature (°C)	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
Temperature (°F)	-40	-31	-22	-13	-4	5	14	23	32	41	50	59	68	77	86	95	104	113	122	131	140	149	158
Cycle Charge	2.66	2.64	2.62	2.60	2.58	2.56	2.54	2.52	2.50	2.48	2.47	2.47	2.45	2.45	2.43	2.41	2.39	2.37	2.35	2.33	2.31	2.29	2.27
Float Charge	2.46	2.44	2.42	2.42	2.38	2.36	2.34	2.32	2.31	2.30	2.29	2.29	2.27	2.26	2.24	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23

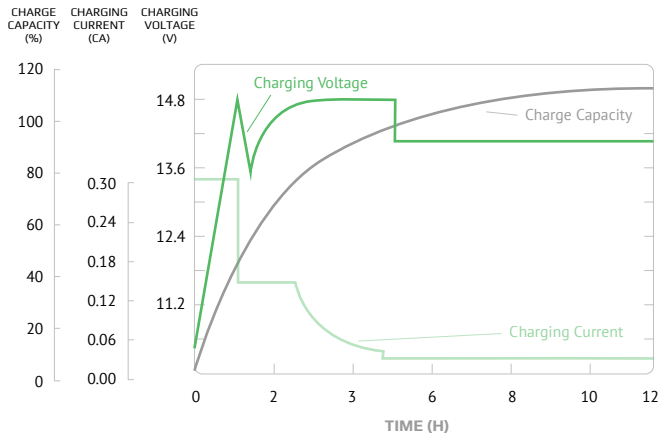
CONSTANT CURRENT DISCHARGE CHARACTERISTICS: UNITS AMPERES 25°C (77°F)

End Cell Voltage	5 min	15 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	12h	20h	24h
1.60V	95.41	50.49	30.51	22.24	17.91	10.26	7.45	5.85	4.99	4.24	3.23	2.69	2.26	1.47	1.20
1.67V	88.67	48.84	30.06	22.09	17.88	10.22	7.32	5.82	4.91	4.21	3.23	2.66	2.25	1.47	1.20
1.70V	87.77	48.09	29.75	21.79	17.73	10.13	7.27	5.79	4.84	4.16	3.22	2.66	2.25	1.46	1.19
1.75V	80.40	46.58	29.46	21.64	17.43	9.93	7.24	5.71	4.79	4.13	3.20	2.63	2.24	1.45	1.19
1.80V	72.13	43.58	28.25	21.04	16.98	9.78	7.21	5.70	4.73	4.09	3.19	2.60	2.22	1.41	1.19
1.83V	68.95	39.98	27.80	20.29	16.23	9.69	6.93	5.46	4.63	3.94	3.12	2.49	2.13	1.39	1.17
1.85V	64.62	38.77	26.00	19.54	15.78	9.30	6.75	5.38	4.51	3.81	3.08	2.46	2.10	1.38	1.16

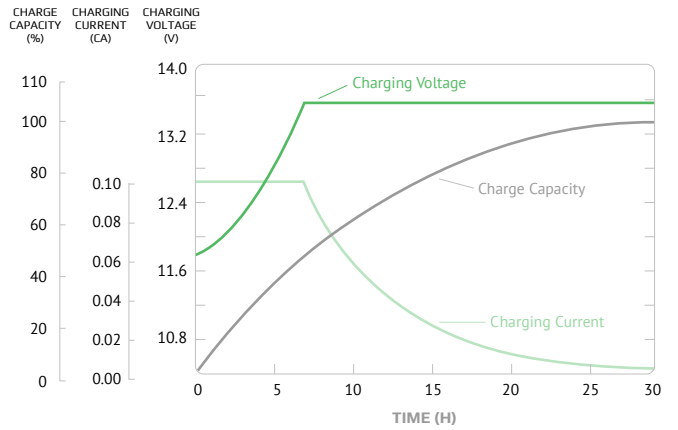
DISCHARGE DATA WITH CONSTANT POWER UNITS: WATTS PER CELL 25°C (77°F)

End Cell Voltage	5 min	15 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	12h	20h	24h
1.60V	159.43	88.66	57.10	41.62	33.48	19.38	14.17	11.23	9.48	8.14	6.28	5.20	4.37	2.92	2.39
1.67V	151.77	87.31	54.79	41.32	33.51	19.38	13.99	11.21	9.48	8.13	6.28	5.18	4.37	2.92	2.39
1.70V	150.87	86.70	54.77	41.32	33.21	19.23	13.96	11.17	9.33	8.07	6.24	5.14	4.33	2.90	2.39
1.75V	140.50	85.65	54.83	41.32	33.06	19.08	13.93	11.15	9.30	8.01	6.21	5.10	4.33	2.90	2.37
1.80V	128.93	81.29	53.65	40.57	32.91	19.08	13.91	11.12	9.24	8.01	6.19	5.08	4.33	2.83	2.37
1.83V	124.42	74.68	53.20	39.37	31.56	18.93	13.52	10.74	9.14	7.75	6.19	4.93	4.25	2.80	2.36
1.85V	115.25	73.03	49.44	37.87	30.65	18.48	13.15	10.61	8.88	7.60	5.95	4.88	4.18	2.76	2.34

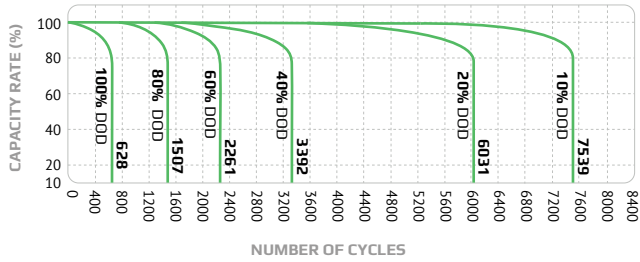
REGULAR CYCLE CHARGE CHARACTERISTICS 25°C (77°F).



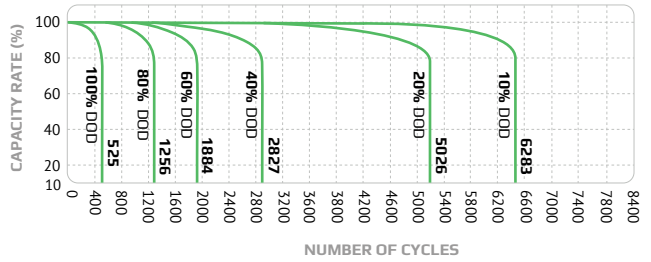
FLOATING CHARACTERISTICS 25°C (77°F).



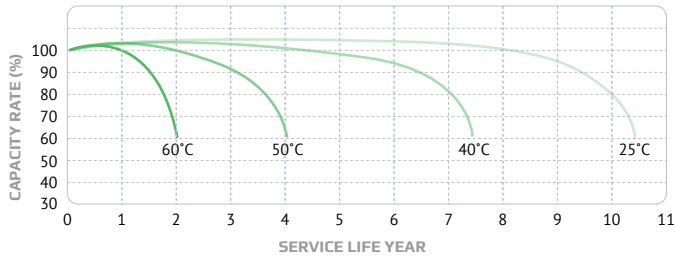
CYCLE LIFE CURVE GRAPH 25°C (77°F).



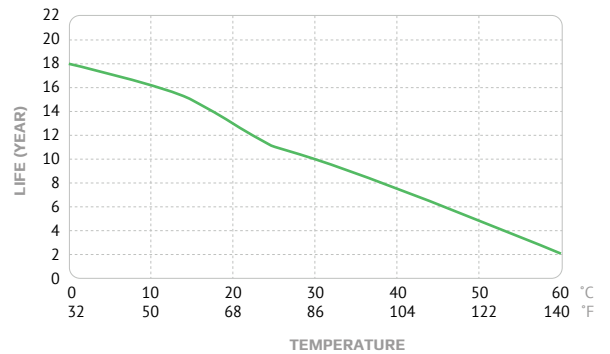
CYCLE LIFE CURVE GRAPH 40°C (104°F).



TEMPERATURE & FLOAT SERVICE LIFE.



FLOAT SERVICE LIFE CURVE GRAPH.



TEMPERATURE & DISCHARGE CAPACITY.

