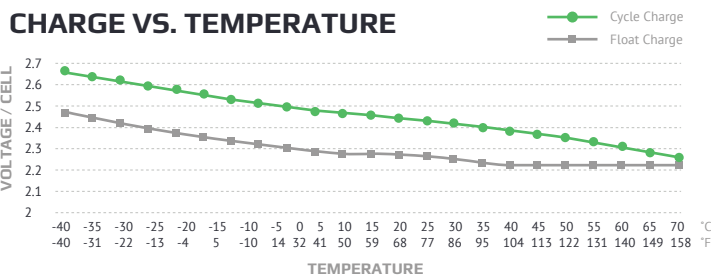


SPECIFICATION		
Nominal Voltage		12V
Rated Capacity (10 hour rate)		70 AH
Dimension	Total Height (top of terminal)	215 mm (8.5")
	Height	210 mm (8.3")
	Length	260 mm (10.2")
	Width	169 mm (6.7")
Weight		Approximately 22.3 kg / 49.2 lbs
Capacity 25°C (77°F)	120 hour rate (0.7A)	84 AH
	20 hour rate (3.9A)	78 AH
	10 hour rate (7A)	70 AH
Internal Resistance	Fully charged Battery 25°C (77°F)	< 7mΩ
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)		700 A (5s)
Terminal	Standard	M6 (16)
	Optional	
Charging (constant voltage)	Cycle	Initial Charging Current 21A 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

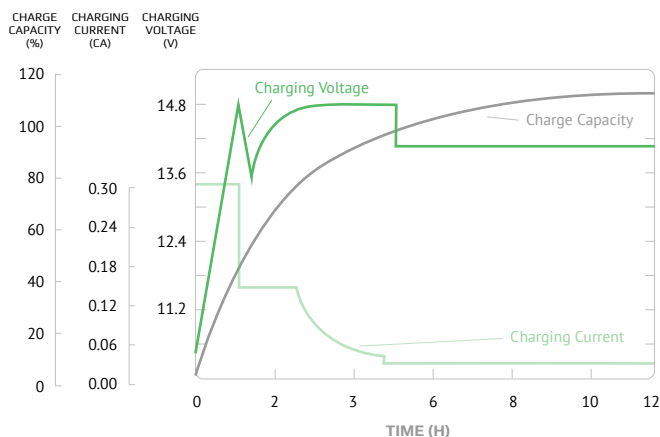


CELL CHARGE VOLTAGE VS. TEMPERATURE CHART																							
Temperature (°C)	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
Temperature (°F)	-40	-31	-22	-13	-4	5	14	23	32	41	50	59	68	77	86	95	104	113	122	131	140	149	158
Cycle Charge	2.66	2.64	2.62	2.60	2.58	2.56	2.54	2.52	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	2.29	2.27	2.26	2.24	2.23	2.23	2.23	2.23	2.23	2.23	2.23

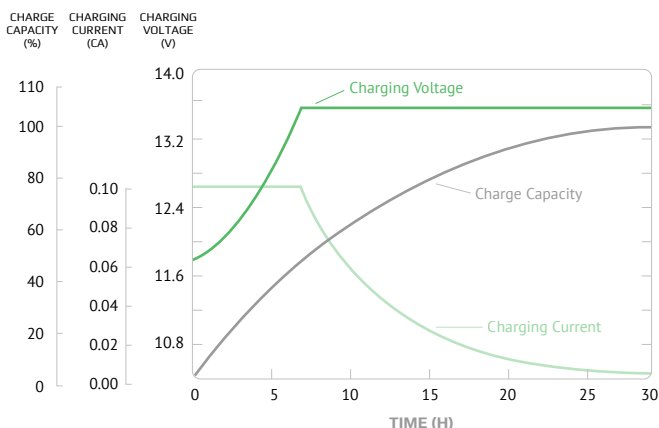
CONSTANT CURRENT DISCHARGE CHARACTERISTICS: UNITS AMPERES 25°C (77°F)															
End Cell Voltage	5 min	15 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	12h	20h	24h
1.60V	256.87	135.94	82.14	59.88	48.23	27.63	20.07	15.74	13.42	11.41	8.70	7.24	6.08	3.96	3.23
1.67V	238.73	131.49	80.92	59.47	48.15	27.51	19.71	15.66	13.23	11.33	8.69	7.16	6.07	3.95	3.22
1.70V	236.29	129.47	80.11	58.67	47.75	27.27	19.58	15.58	13.03	11.21	8.66	7.16	6.05	3.93	3.22
1.75V	216.47	125.41	79.31	58.27	46.94	26.75	19.50	15.38	12.91	11.13	8.62	7.08	6.02	3.92	3.21
1.80V	194.21	117.32	76.06	56.64	45.72	26.34	19.42	15.34	12.75	11.01	8.58	7.00	5.99	3.78	3.20
1.83V	185.64	107.63	74.86	54.63	43.70	26.10	18.65	14.69	12.46	10.60	8.40	6.72	5.75	3.74	3.16
1.85V	173.96	104.38	70.00	52.60	42.48	25.05	18.17	14.48	12.14	10.25	8.30	6.64	5.66	3.70	3.14

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	429.24	238.70	153.74	112.07	90.15	52.19	38.15	30.22	25.53	21.93	16.91	14.00	11.77	7.85	6.43
1.67V	408.61	235.05	147.52	111.26	90.22	52.19	37.67	30.18	25.53	21.89	16.91	13.96	11.77	7.85	6.43
1.70V	406.18	233.43	147.45	111.26	89.41	51.78	37.58	30.07	25.12	21.73	16.79	13.84	11.65	7.81	6.43
1.75V	378.27	230.60	147.61	111.26	89.01	51.38	37.50	30.02	25.04	21.56	16.71	13.74	11.65	7.81	6.39
1.80V	347.12	218.87	144.43	109.23	88.60	51.38	37.46	29.94	24.88	21.56	16.67	13.67	11.65	7.61	6.39
1.83V	334.98	201.07	143.22	106.00	84.96	50.98	36.41	28.93	24.60	20.88	16.67	13.27	11.45	7.53	6.35
1.85V	310.30	196.62	133.10	101.96	82.53	49.76	35.40	28.56	23.91	20.47	16.02	13.15	11.25	7.44	6.31

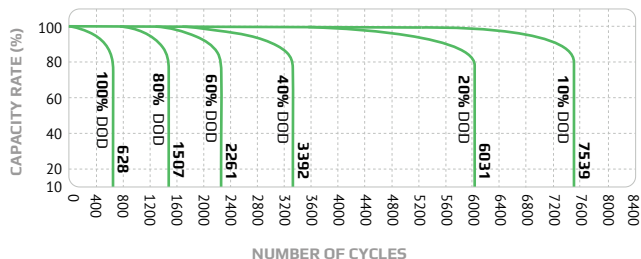
REGULAR CYCLE CHARGE CHARACTERISTICS 25°C (77°F).



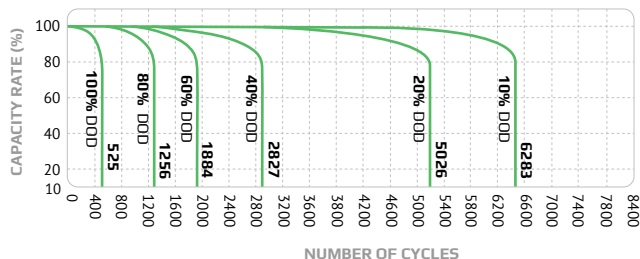
FLOATING CHARACTERISTICS 25°C (77°F).



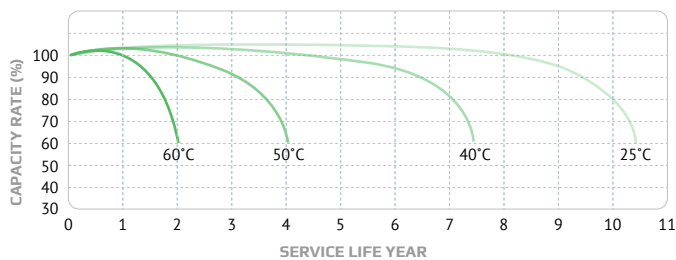
CYCLE LIFE CURVE GRAPH 25°C (77°F).



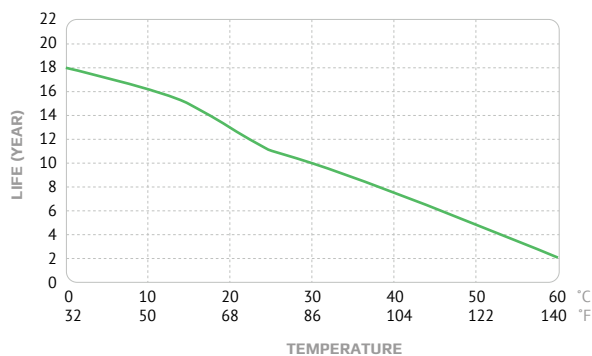
CYCLE LIFE CURVE GRAPH 40°C (104°F).



TEMPERATURE & FLOAT SERVICE LIFE.



FLOAT SERVICE LIFE CURVE GRAPH.



TEMPERATURE & DISCHARGE CAPACITY.

