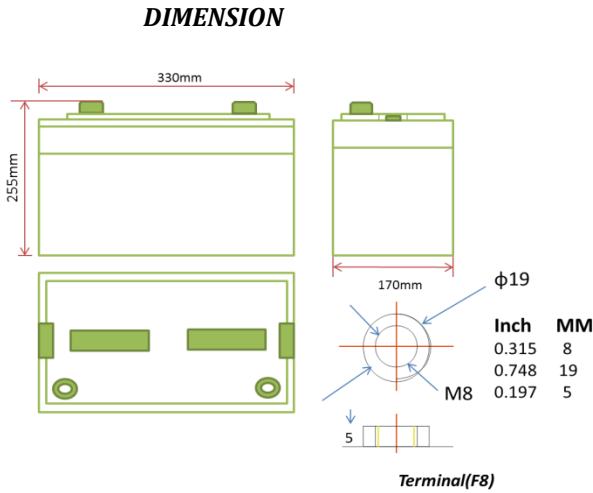


# ECO-FRIENDLY ADVANCE TECHNOLOGY BATTERY



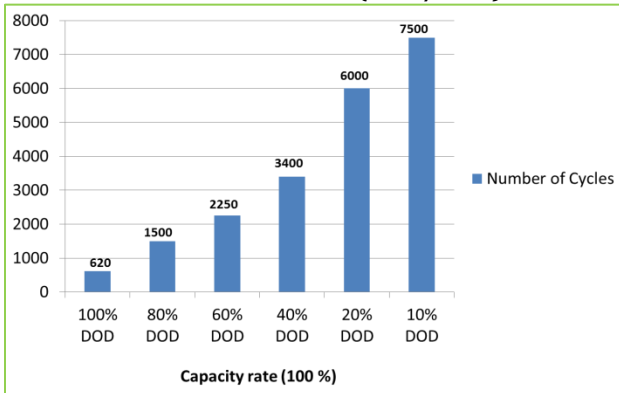
## 12- EFSL -152, 12V 152Ah@20HR

### SPECIFICATIONS

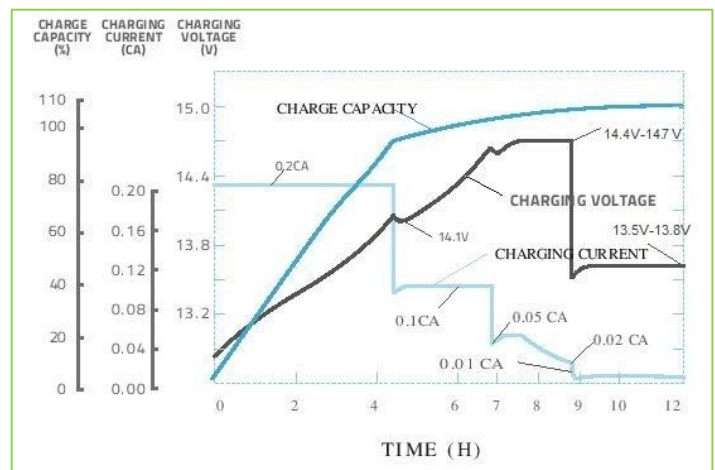
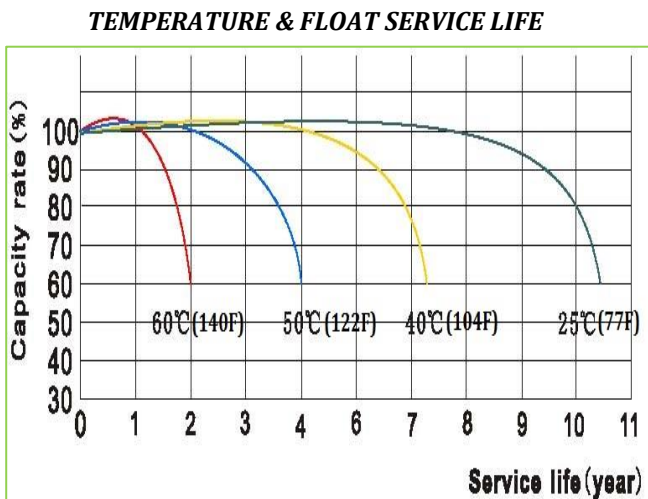


<b>Nominal Voltage</b>	<b>12V</b>	
<b>Rated Capacity (20 hour rate)</b>	<b>152AH</b>	
<b>Dimension</b>	Total Height (with terminals)	255 mm
	Height	250mm
	Length	330mm
<b>Weight</b>	Width	170mm
	Approx.	41.5 Kg/91 lbs.
<b>Capacity (77°F/25°C)</b>	10 hour rate (14A)	140AH
	5 hour rate (26A)	130AH
<b>Internal Resistance (77°F/25°C)</b>	Full Charged Battery	≤6.0mΩ
	After 3 months Storage	95%
	After 6 months storage	85%
<b>Self-Discharge (77°F/25°C)</b>	After 12 months storage	80%
<b>Max Discharge Current (77°F/25°C)</b>	1200A(5S)	
<b>Terminal</b>	Standard	F8
	Optional	
<b>Charging (Constant Voltage)</b>	Cycle	14.4V-14.7V (77°F/25°C)
	Float	13.5V-13.8V (77°F/25°C)

**CYCLE LIFE GRAPH (25°C/77°F)**



**CHARGE CHARACTERISTIC 25°C (77°F)**



Soneil Chargers Recommended

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

**Time (Mins)**

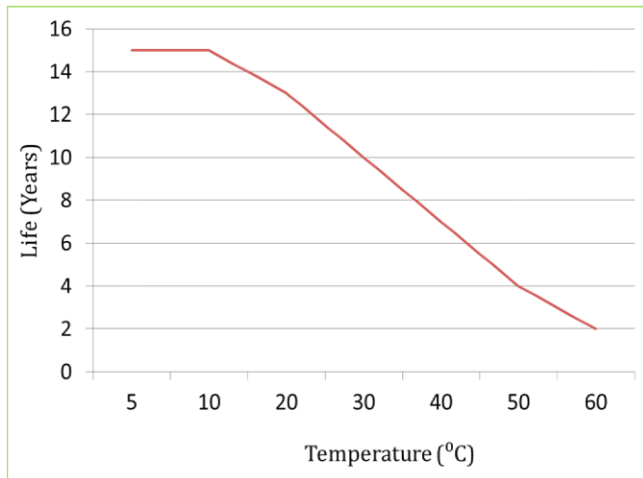
End Voltage per cell ( V )	5	15	30	45	60	120	180	240	300	360	480	600	720	1200	1440
1.60	513.74	271.88	164.28	119.77	96.46	55.27	40.14	31.48	26.85	22.82	17.40	14.49	12.16	7.91	6.47
1.67	477.46	262.98	161.84	118.94	96.29	55.03	39.41	31.32	26.46	22.66	17.38	14.32	12.14	7.89	6.44
1.70	472.58	258.94	160.22	117.34	95.49	54.54	39.17	31.15	26.06	22.42	17.32	14.32	12.10	7.87	6.43
1.75	432.94	250.82	158.62	116.54	93.87	53.49	39.00	30.76	25.82	22.25	17.24	14.16	12.04	7.83	6.43
1.80	388.42	234.64	152.12	113.29	91.45	52.68	38.85	30.67	25.49	22.01	17.16	14.00	11.98	7.57	6.41
1.83	371.28	215.26	149.72	109.26	87.40	52.20	37.31	29.38	24.93	21.20	16.79	13.43	11.49	7.49	6.33
1.85	347.93	208.77	140.00	105.21	84.97	50.09	36.33	28.97	24.28	20.50	16.59	13.27	11.33	7.40	6.27

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

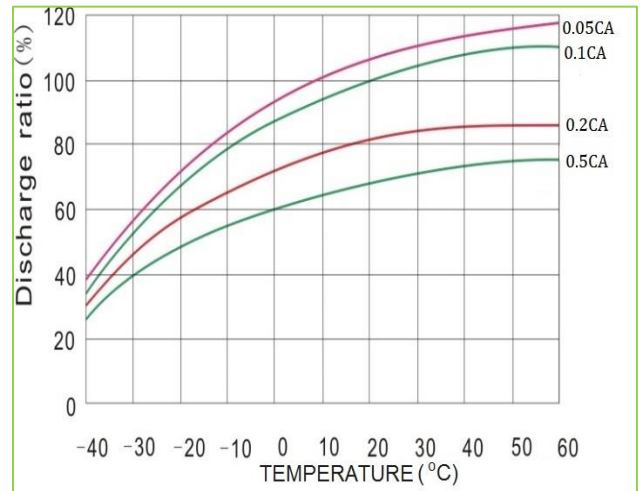
**Time (Mins)**

End Voltage per cell ( V )	5	15	30	45	60	120	180	240	300	360	480	600	720	1200	1440
1.60	858.47	477.39	307.47	224.13	180.30	104.38	76.30	60.44	51.06	43.86	33.82	28.00	23.55	15.70	12.87
1.67	817.22	470.11	295.04	222.52	179.70	104.38	75.33	60.36	51.06	43.77	33.82	27.92	23.55	15.70	12.87
1.70	812.36	466.87	294.35	222.52	178.81	103.57	74.90	60.14	50.25	43.45	33.58	27.67	23.30	15.62	12.86
1.75	756.54	461.20	293.59	222.51	178.01	102.76	74.10	60.04	50.09	43.13	33.42	27.49	23.30	15.62	12.78
1.80	694.25	437.74	288.86	218.46	177.20	102.76	73.10	59.88	49.76	43.13	33.34	27.35	23.30	15.21	12.78
1.83	669.96	402.14	286.44	211.99	169.92	101.95	71.91	57.85	49.20	41.75	33.34	26.54	22.90	15.05	12.70
1.85	620.60	393.23	266.20	203.91	165.06	99.52	70.80	57.13	47.82	40.94	32.04	26.30	22.49	14.89	12.62

**FLOAT SERVICE LIFE CURVE GRAPH**



**TEMPERATURE AND DISCHARGE CAPACITY**



“Specifications subject to change without notice “

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