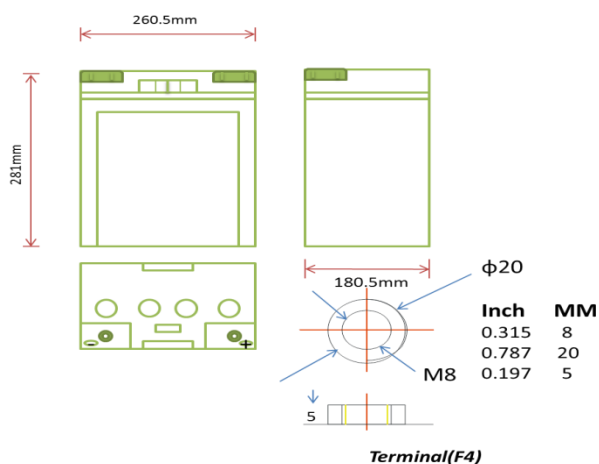


ECO-FRIENDLY ADVANCE TECHNOLOGY BATTERY

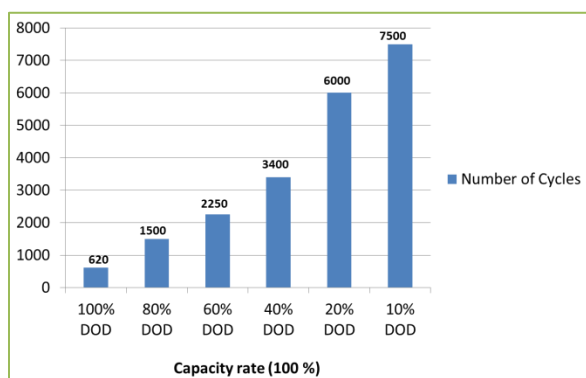


8- EFSL -179, 8V 179Ah@20HR

DIMENSION



CYCLE LIFE GRAPH (25°C/77°F)



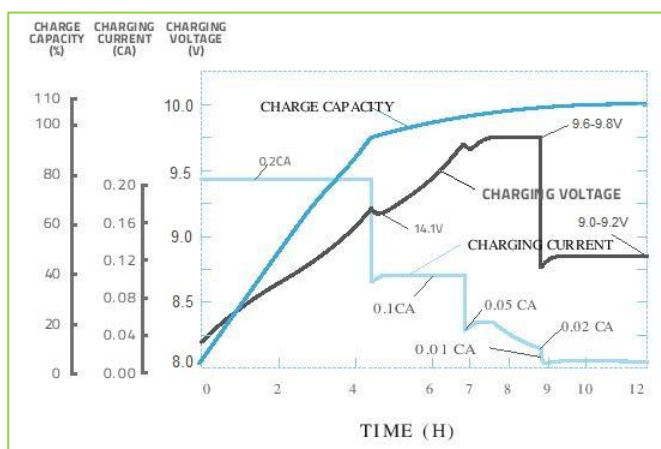
TEMPERATURE & FLOAT SERVICE LIFE



SPECIFICATIONS

Nominal Voltage	8V	
Rated Capacity (20 hour rate)	179AH	
Dimension	Total Height (with terminals)	289 mm
	Height	281 mm
	Length	260.5 mm
	Width	180.5 mm
Weight	Approx.	33 Kg/72.69 lbs.
Capacity (77°F/25°C)	10 hour rate (16.5A)	165AH
	5 hour rate (30A)	150AH
Internal Resistance (77°F/25°C)	Full Charged Battery	$\leq 4.0m\Omega$
Self-Discharge (77°F/25°C)	After 3 months Storage	95%
	After 6 months storage	85%
	After 12 months storage	80%
Max Discharge Current (77°F/25°C)	1350A(5S)	
Terminal	Standard	F4
	Optional	
Charging (Constant Voltage)	Cycle	9.6V-9.8V (77°F/25°C)
	Float	9.0V-9.2 V (77°F/25°C)

CHARGE CHARACTERISTIC 25°C (77°F)



Soneil Chargers Recommended

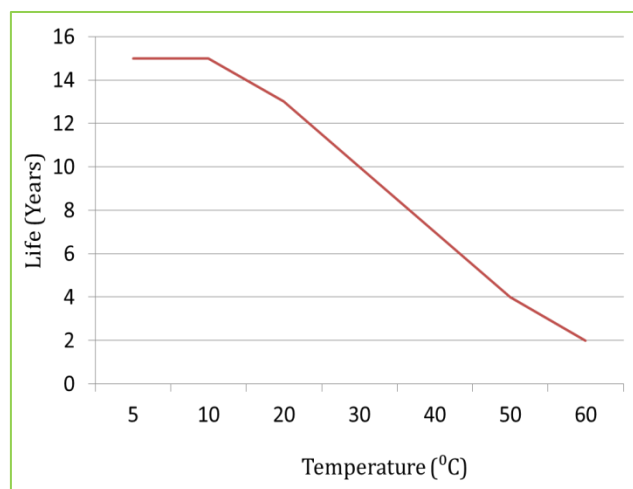
CONSTANT CURRENT DISCHARGE CHARACTERISTICS UNITS AMPERES (25°C/77°F)

End Voltage per cell (V)	Time (Mins)														
	5	15	30	45	60	120	180	240	300	360	480	600	720	1200	1440
1.60	605.48	320.43	193.61	141.15	113.69	65.13	47.31	37.10	31.64	26.90	20.51	17.07	14.33	9.33	7.62
1.67	562.72	309.94	190.74	140.18	113.49	64.86	46.45	36.91	31.19	26.71	20.48	16.88	14.31	9.30	7.59
1.70	556.97	305.18	188.83	138.29	112.55	64.28	46.16	36.72	30.71	26.42	20.41	16.88	14.26	9.27	7.58
1.75	510.25	295.61	186.95	137.35	110.64	63.04	45.97	36.25	30.43	26.23	20.32	16.69	14.19	9.23	7.57
1.80	457.78	276.54	179.29	133.52	107.77	62.09	45.78	36.15	30.04	25.94	20.22	16.50	14.12	8.92	7.55
1.83	437.58	253.70	176.45	128.77	103.01	61.52	43.97	34.62	29.38	24.99	19.79	15.83	13.54	8.82	7.46
1.85	410.06	246.05	165.00	123.99	100.14	59.04	42.82	34.14	28.61	24.16	19.55	15.64	13.35	8.73	7.39

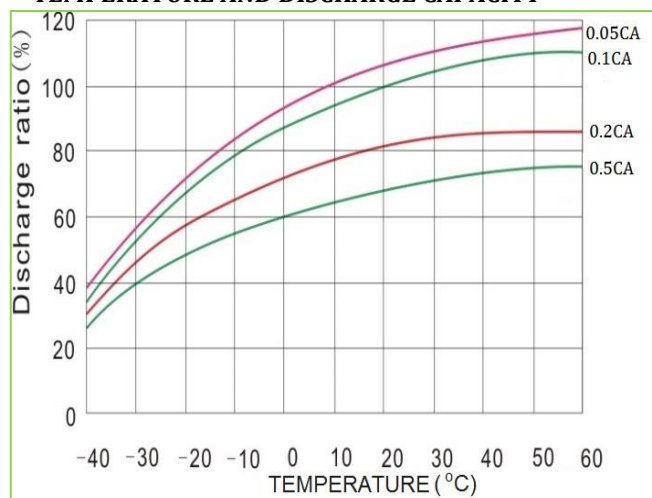
DISCHARGE DATA WITH CONSTANT POWER UNITS: WATTS PER CELL (25°C/77°F)

End Voltage per cell (V)	Time (Mins)														
	5	15	30	45	60	120	180	240	300	360	480	600	720	1200	1440
1.60	1011.77	562.64	362.38	264.15	212.50	123.02	89.93	71.24	60.17	51.69	39.86	33.00	27.75	18.50	15.16
1.67	963.15	554.06	347.73	262.25	211.79	123.02	88.78	71.14	60.17	51.59	39.86	32.90	27.75	18.50	15.16
1.70	957.43	550.24	346.91	262.25	210.74	122.06	88.27	70.88	59.22	51.21	39.58	32.61	27.46	18.40	15.16
1.75	891.64	543.56	346.01	262.25	209.80	121.11	87.33	70.76	59.03	50.83	39.38	32.39	27.46	18.40	15.07
1.80	818.22	515.90	340.44	257.48	208.85	121.11	86.16	70.57	58.65	50.83	39.29	32.23	27.46	17.93	15.07
1.83	789.60	473.95	337.59	249.85	200.26	120.16	84.75	68.18	57.98	49.21	39.29	31.28	26.99	17.74	14.97
1.85	731.43	463.46	313.74	240.33	194.54	117.30	83.44	67.33	56.36	48.25	37.76	30.99	26.51	17.55	14.88

FLOAT SERVICE LIFE CURVE GRAPH



TEMPERATURE AND DISCHARGE CAPACITY



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“Specifications subject to change without notice “

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