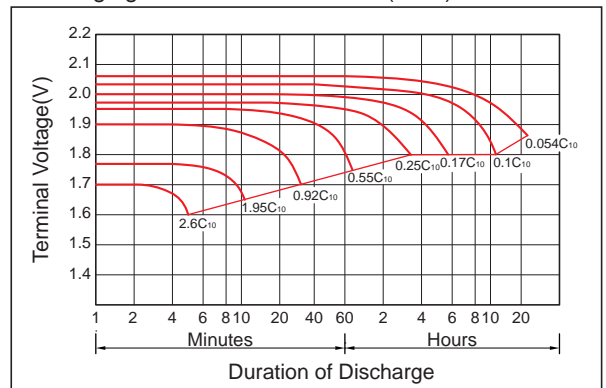


Specifications

Nominal Voltage	2V
Rated Capacity(10 hour rate)	300Ah
Total Height(With terminals)	370mm(14.6 inches)
Height	362mm(14.3 inches)
Length	134mm(5.28 inches)
Width	178mm(7.01 inches)
Weight	18.8 kg (41.5 Lbs)

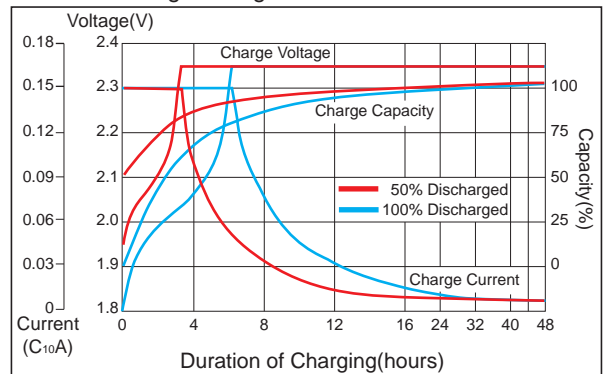
Discharging Characteristics Curves(25°C)



Characteristics

Capacity(25°C)	20Hr	109%
	10Hr	100%
	5 Hr	84%
	1 Hr	55%
Internal Resistance(Full charged@25°C)		0.35 mΩ
Capacity affected by temperature	40 °C	106%
	25 °C	100%
	0 °C	80%
	-10°C	75%
Self-Discharge per month(25 °C)		≤ 3%
Temperature compensation coefficient		-0.003V/°C
Charging (25°C)	Float	2.23V,0.15C ₁₀ A or less
	Cycle	2.35V,0.15C ₁₀ A or less

Constant Voltage Charge Characteristics



Constant Current Discharge(Ampere@25 °C)

Final Voltage V/cell	minutes								hours							
	5	10	15	20	30	40	50	1	2	3	4	5	6	8	10	
1.85	558	480	315	254	213	183	162	150	96	72.9	58.8	48.6	42.0	35.1	29.4	
1.80	600	504	378	293	237	201	171	156	98	75.0	60.9	50.4	42.6	36.0	30.0	
1.75	660	534	420	325	243	208	180	165	99	76.2	61.8	51.9	43.2	36.3	30.3	
1.70	714	564	438	350	276	219	189	171	101	77.7	62.1	52.2	43.8	36.6	30.6	
1.65	750	585	453	362	285	228	201	180	104	78.6	62.4	52.5	44.1	36.9	30.9	
1.60	780	600	465	375	300	237	210	186	106	79.2	62.7	52.8	44.4	37.2	31.2	

Constant Power Discharge(Watt/cell@25 °C)

Final Voltage V/cell	minutes								hours							
	5	10	15	20	30	40	50	1	2	3	4	5	6	8	10	
1.85	972	864	567	450	381	342	312	282	180	138	113	95	80	65.7	57.3	
1.80	1080	906	681	519	417	360	324	297	189	143	116	98	83	70.2	58.5	
1.75	1188	960	744	564	438	378	335	306	192	145	117	101	86	71.1	59.1	
1.70	1287	1014	789	600	459	396	344	312	195	146	118	102	87	71.7	59.4	
1.65	1350	1053	813	636	477	408	350	318	198	147	118	103	87	72.0	59.7	
1.60	1404	1080	837	660	492	417	354	321	201	148	118	103	88	72.3	60.0	

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