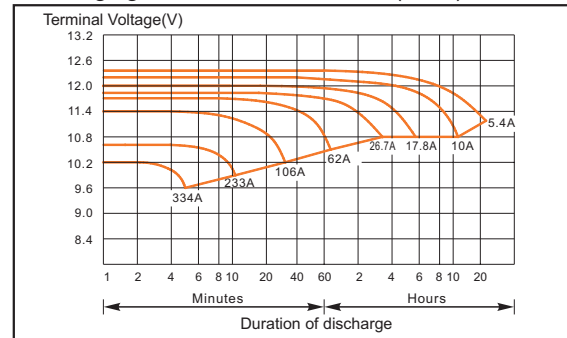


Specifications

Nominal Voltage		12V
Rated Capacity(10 hour rate)		100Ah (25°C)
Total Height(with terminals)		232mm (9.13 inches)
Dimension	Height	230mm (9.06 inches)
	Length	528mm (20.79 inches)
	Width	125mm (4.92 inches)
Weight		Approx.35Kg (77.16lbs)

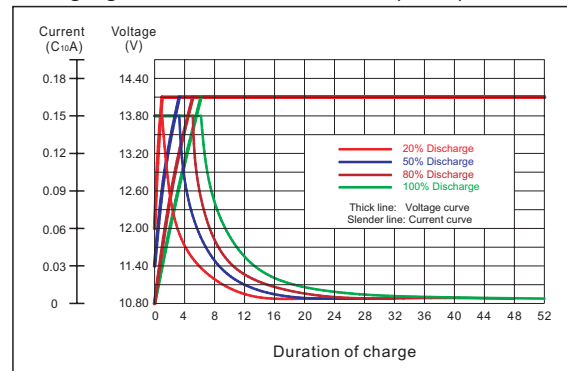
Discharging Characteristics Curves (25°C)



Characteristics

Capacity (25°C)	20Hr	109Ah
	10Hr	100Ah
	5Hr	88Ah
	1Hr	62Ah
Internal Resistance(Full charged)		5.0 mΩ (25°C)
Capacity affected by temperature	40°C	109%
	25°C	100%
	0°C	88%
	-15°C	76%
Self-Discharge (25°C)	Capacity after 3 month storage	92%
Charging(25°C)	Cycle	14.10V,15A or small
	Float	13.50V,15A or small
Temperature compensation coefficient		-0.018V / °C

Charging Characteristics Curves(25°C)



Constant current discharge (Ampere @25°C)

Final Voltage (V/cell)	Minute								Hour							
	5	10	15	20	30	40	50	1	2	3	4	5	6	8	10	
1.85	193	165	135	117	90	74	65	58	36	26.6	21.1	17.9	15.3	12	9.9	
1.80	237	191	153	131	98	80	69	61	37	27.2	21.4	18.2	15.5	12.1	10	
1.75	272	211	165	140	104	84	72	63	38	27.5	21.6	18.3	15.6	12.2	10.1	
1.70	301	226	175	146	108	86	74	65	38	27.7	21.8	18.4	15.7	12.3	10.2	
1.65	323	238	182	151	110	88	75	65	38	27.9	21.9	18.5	15.8	12.4	10.2	
1.60	341	246	187	154	111	89	76	66	38	28.1	22	18.6	15.9	12.5	10.3	

Constant power discharge (Watt/cell @25°C)

Final Voltage (V/cell)	Minute								Hour							
	5	10	15	20	30	40	50	1	2	3	4	5	6	8	10	
1.85	420	347	269	243	195	153	136	119	69	54.3	43.1	35.9	30.3	24	20.5	
1.80	462	363	285	249	199	156	138	121	70	54.9	44.1	36.2	30.8	24.2	20.7	
1.75	523	379	288	256	202	159	141	123	71	55.6	44.7	36.5	31.4	24.5	20.8	
1.70	561	388	295	261	204	161	144	124	73	56.2	45.4	36.8	32	24.8	20.9	
1.65	583	400	300	265	206	163	147	125	74	56.8	46	37.2	32.7	25	21	
1.60	609	406	304	270	207	165	149	126	75	57.3	46.6	37.4	33.6	25.2	21.1	

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