UEV 12V115 AH GEL BATTRY/12V115 Ah

Advantages

- Up to 700 cycles 80% DOD
- Good large current discharge performance
- High gas recombination efficiency
- Maximum charge efficiency
- Low self-discharge rate
- Easy installation and handling

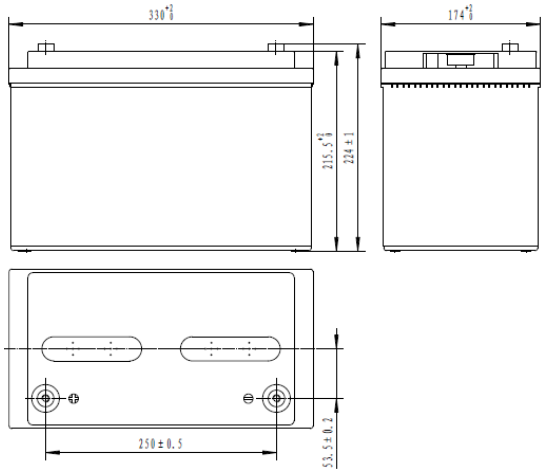
Application

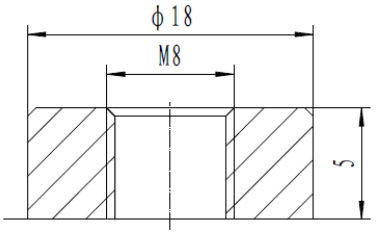
- Electrical Vehicle
- Mixture Electrical vehicle

Standards

- GB/T 18332.1-2009
- QC/T 742-2006
- IEC61982-3 2001-06
- GB/T 7403.1-2008
- GB/T 23636-2009

Drawing





Specification

Battery Model	6-DM-110			
Design Life (80%DOD)	700 cycles			
Capacity (Ah, 25℃)	20HR(5.7A,1.75V)	5HR(22.0A,1.75V)	3HR(33.33A,1.75V)	2HR(46.0A,1.75V)
	115	110	100	92
Dimensions (mm)	Length	Width	Height	Total Height
	330	175	215	224
Approx. Weight (kg)	35.0			
Internal Resistance (mΩ)	5.0			
Maximum Discharge Current (A/10 Sec.)	900			
Self-Discharge (25℃)	≤3% per months			
Charge Voltage (V/cell, 25℃)	Cycle use		Float use	
	2.45 (-3mV/℃/cell), max charge current:15A		2.35 (-3mV/℃/cell)	

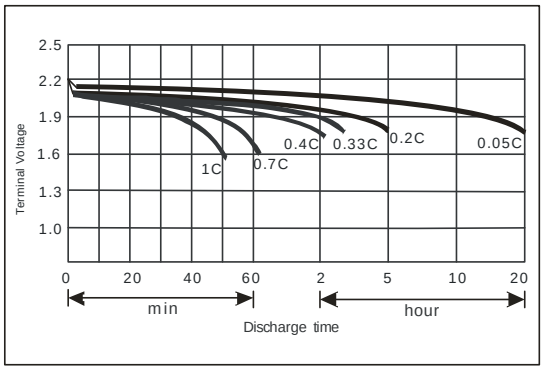
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Constant current discharge data (25℃，A)											
End volt (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	274.3	160.3	120.5	89.63	75.92	59.76	47.20	33.97	22.40	11.47	5.780
1.65	268.1	157.1	118.6	88.19	74.83	59.15	46.83	33.83	22.29	11.44	5.760
1.70	261.0	153.3	116.0	86.60	74.02	58.61	46.50	33.63	22.18	11.38	5.734
1.75	255.0	150.5	114.0	85.33	73.00	57.93	46.00	33.33	22.00	11.30	5.700
1.80	243.8	144.8	110.2	82.86	71.07	56.58	45.08	32.74	21.69	11.18	5.654

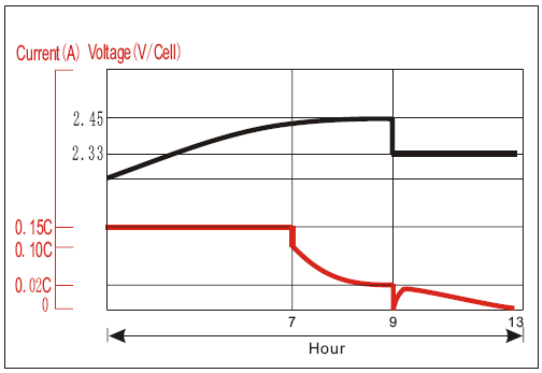
Discharge Data

Constant power discharge data (25℃，W/cell)											
End volt (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	481.8	288.7	222.2	169.3	146.5	117.0	93.29	67.59	44.74	22.99	11.60
1.65	479.6	287.3	221.1	167.9	145.3	116.3	92.88	67.72	44.70	22.99	11.60
1.70	473.5	283.6	218.6	166.0	144.3	115.6	92.37	67.18	44.43	22.87	11.54
1.75	469.0	281.9	216.8	164.8	143.0	114.6	91.54	66.74	44.21	22.77	11.50
1.80	458.0	276.0	212.3	161.3	139.8	112.3	90.13	65.76	43.74	22.56	11.43

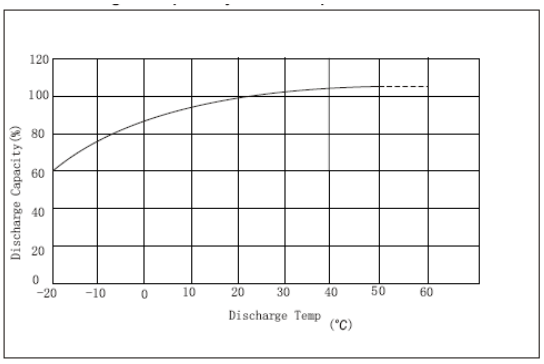
Performance Curve :



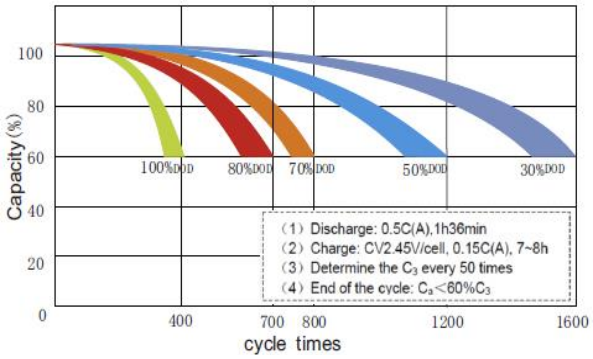
Discharge performance



Charge performance



Discharge capacity vs. temperature



Cycles vs. Discharge depth

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