

### 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

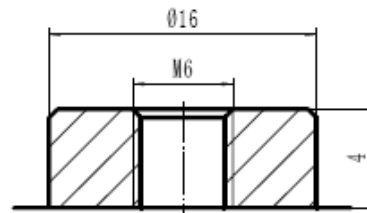
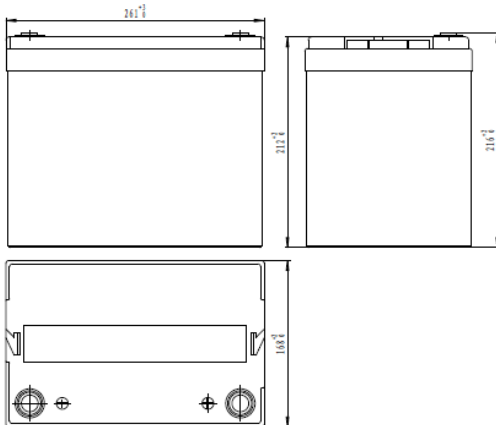
### Application

- 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-85			
Design Life (80%DOD)	700 cycles			
Capacity (Ah, 25°C)	20HR(4.75A,1.75V)	5HR(17.0A,1.75V)	3HR(26.67A,1.75V)	2HR(36.0A,1.75V)
	95	85	80	72
Dimensions (mm)	Length	Width	Height	Total Height
	261	168	212	216
Approx. Weight (kg)	26.5			
Internal Resistance (mΩ)	6.0			
Maximum Discharge Current (A/10 Sec.)	720			
Self-Discharge (25°C)	≤3% per months			
Charge Voltage (V/cell, 25°C)	Cycle use		Float use	
	2.45 (-3mV/°C/cell), max charge current:12A		2.35 (-3mV/°C/cell)	



## UEV 12V95 AH GEL BATTERY / 12V95Ah

### Constant current discharge data (25°C , A)

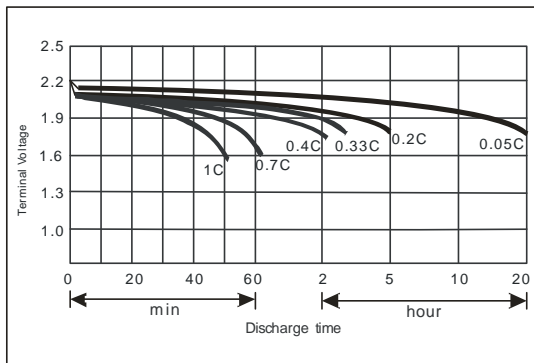
End volt (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	257.9	151.8	110.2	79.44	63.88	46.25	37.04	27.31	17.35	9.248	4.814
1.65	252.3	149.1	108.6	78.41	63.08	45.75	36.70	27.10	17.22	9.190	4.790
1.70	245.6	146.0	106.5	76.99	62.21	45.24	36.32	26.88	17.11	9.141	4.769
1.75	238.7	142.8	104.6	75.87	61.42	44.76	36.00	26.67	17.00	9.100	4.750
1.80	229.2	138.4	102.1	74.46	60.46	44.17	35.63	26.47	16.91	9.060	4.736

### Discharge Data

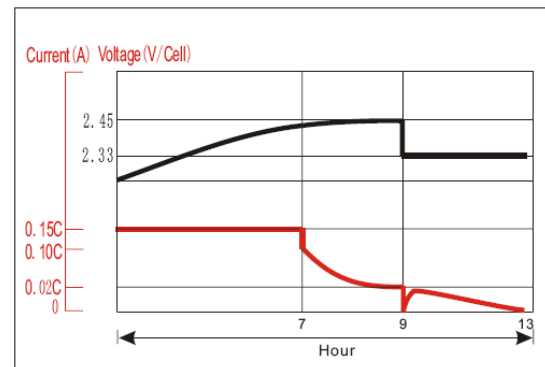
### Constant power discharge data (25°C , W/cell)

End volt (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	453.1	273.4	202.6	148.3	120.9	88.66	71.57	53.20	34.01	18.26	9.547
1.65	451.3	272.7	202.1	148.0	120.4	88.20	71.34	53.07	33.93	18.22	9.532
1.70	445.6	270.2	200.2	146.8	119.8	87.88	71.14	53.01	33.90	18.20	9.526
1.75	439.0	267.6	198.9	146.1	119.3	87.73	70.99	52.87	33.84	18.17	9.511
1.80	433.0	264.7	197.1	145.0	118.4	87.10	70.63	52.68	33.76	18.14	9.510

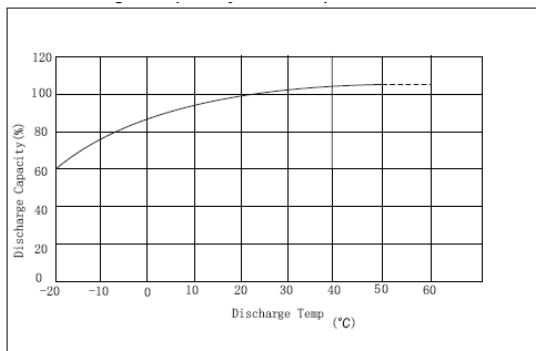
### Performance Curve :



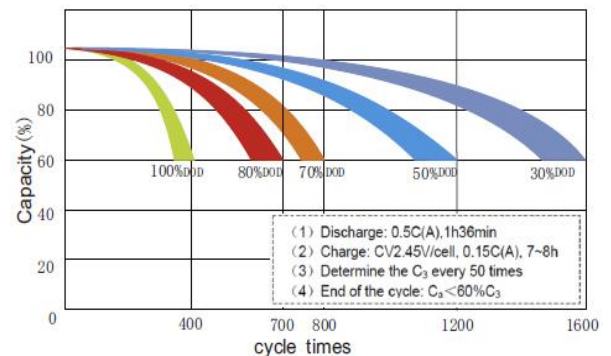
Discharge performance



Charge performance



Discharge capacity vs. temperature



Cycles vs. Discharge depth



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