






-  **10% High Energy Density**
-  **15% Extra Capacity Performance**
-  **50% Low Corrosion**
-  **0% Sulfation**
-  **ABS Box UL94-HB**

E-Scooter



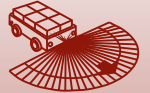
E-Motocycle



Snow Scooter



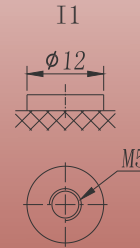
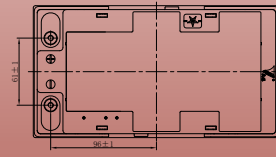
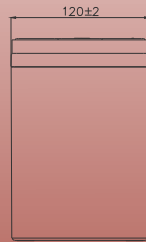
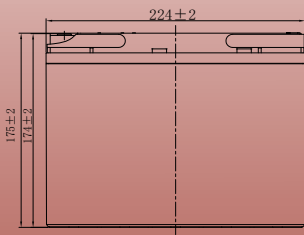
Automatic Guided Vehicles (AGV)



Cleaning Machines

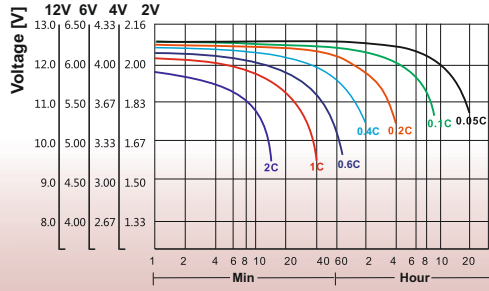
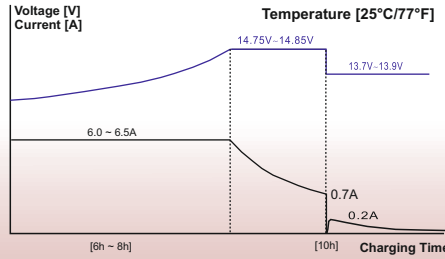
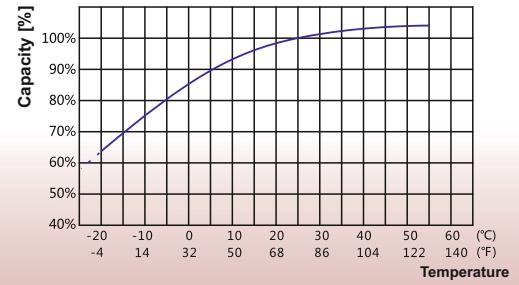
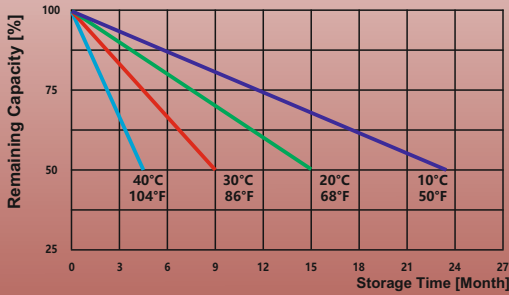
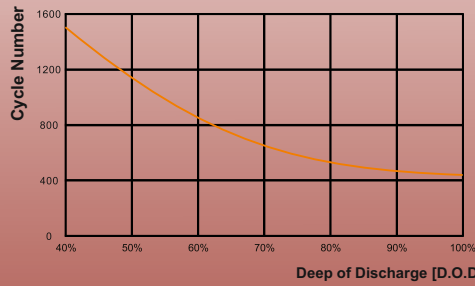
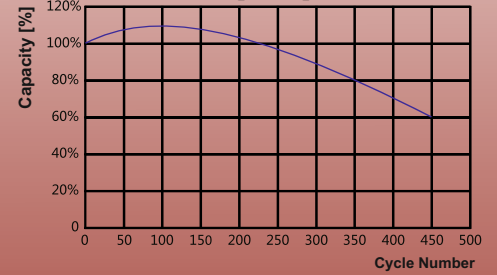


E-Wheel Chairs



Battery Code	YGD12-60[AXW]	C20 [Ah, 25°C] [3.00A - 10.5V]	60.0A																
Stock Code	00600002A	C10 [Ah, 25°C] [5.39A - 10.8V]	53.9A																
Length [mm]	224	C5 [Ah, 25°C] [10.64A - 10.5V]	53.2A																
Width [mm]	120	C3 [Ah, 25°C] [17.0A - 10.5V]	51.0A																
Height [mm]	175	C1 [Ah, 25°C] [42.1A - 9.60V]	42.1A																
Total Height [mm]	175																		
Tolerance	[<100 mm ± 2mm] [>100 mm ± 3mm]	Operating Temperature	<table border="1"> <tr> <th>Discharge</th> <th>Charge</th> <th>Storage</th> <th>Optimum</th> </tr> <tr> <td>-15°C ~ +50°C</td> <td>-0°C ~ +40°C</td> <td>-15°C ~ +40°C</td> <td>25 ±3 °C</td> </tr> <tr> <td>40°C</td> <td>25°C</td> <td>0°C</td> <td>-15°C</td> </tr> <tr> <td>106%</td> <td>100%</td> <td>85%</td> <td>65%</td> </tr> </table>	Discharge	Charge	Storage	Optimum	-15°C ~ +50°C	-0°C ~ +40°C	-15°C ~ +40°C	25 ±3 °C	40°C	25°C	0°C	-15°C	106%	100%	85%	65%
Discharge	Charge	Storage	Optimum																
-15°C ~ +50°C	-0°C ~ +40°C	-15°C ~ +40°C	25 ±3 °C																
40°C	25°C	0°C	-15°C																
106%	100%	85%	65%																
Weight [Kg ±%3]	12.6	Temperature - Capacity Relationship																	
Current Limit	0.2≤C:A	Charge Limit - Cycle Use	14.75 V ~ 14.85 V [-24mV/°C]																
Self Discharge [25°C]	3% / Month	Charge Limit - Float Use	13.7 V ~ 13.9 V [-18mV/°C]																



Discharge Characteristics [25°C]

Charge Characteristics [25°C]

Temperature - Capacity [25°C]

Time - Self Discharge

Deep of Discharge - Cycle Life

Cycle Life - Remaining Capacity [25°C]

Constant Current - Discharge Table [25°C,A]

Cutting Voltage [V/Cell]	Minute		Hour								
	30	45	1	2	3	4	5	6	8	10	20
1.85	55.7	39.7	36.8	18.2	15.9	10.83	10.40	7.43	5.68	5.33	2.93
1.80	57.7	40.9	37.8	18.8	16.5	11.17	10.50	7.71	5.86	5.39	2.95
1.75	59.3	42.4	39.0	20.0	17.0	11.57	10.64	7.90	6.03	5.46	3.00
1.70	60.7	43.5	40.2	20.3	17.3	11.92	10.75	8.21	6.17	5.48	3.06
1.67	62.0	44.9	41.5	20.6	17.5	12.04	10.89	8.27	6.28	5.54	3.09
1.60	71.0	46.2	42.1	21.2	18.1	12.40	10.95	8.50	6.43	5.60	3.12

Constant Power - Discharge Table [25°C,W/Cell]

Cutting Voltage [V/Cell]	Minute		Hour								
	30	45	1	2	3	4	5	6	8	10	20
1.85	108.9	78.1	62.9	36.3	27.9	21.8	17.7	15.0	11.51	9.38	5.12
1.80	112.3	80.2	64.6	37.4	28.9	22.4	18.3	15.5	11.82	9.61	5.27
1.75	114.9	83.0	66.8	39.6	29.8	23.1	18.7	15.8	12.12	9.80	5.35
1.70	117.1	84.5	68.8	40.0	30.3	23.7	19.3	16.4	12.34	9.98	5.45
1.67	118.6	86.5	70.8	40.2	30.5	23.8	19.5	16.4	12.46	10.06	5.46
1.60	120.7	88.5	71.5	41.2	31.3	24.3	19.8	16.7	12.67	10.27	5.49

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