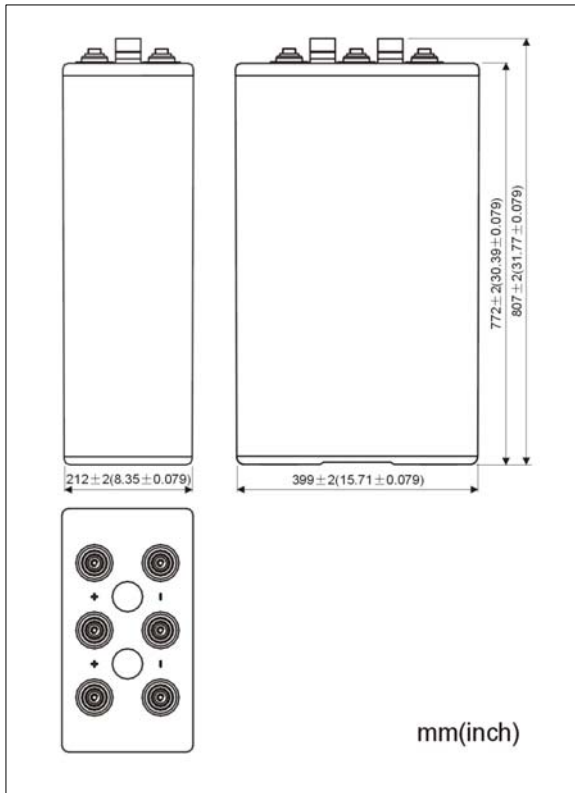


# 16 OPzV2000

## NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

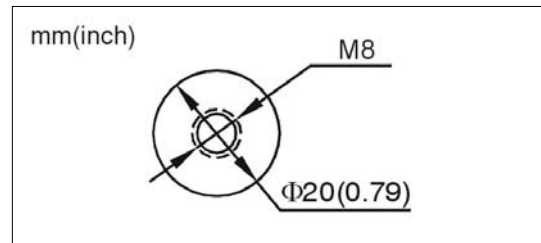
### ■ DIMENSION



### ■ FEATURES

- Sealed and Non-Spillable construction design;
- Safety valve installation for explosion proof;
- ABS containers and covers (UL94 V0, optional);
- Maintenance free operation;
- Lowest self-discharge characteristic;
- High quality and high reliability;
- Super long service life.

### ■ TERMINAL



### ■ SPECIFICATIONS

Nominal Voltage	2V	Nominal Capacity (C <sub>10</sub> )	2000Ah (1.80V @ 20°C)	
Dimension	Length 399mm	Weight	Approx. 146 kg	
	Width 212mm	Max Charging Current	400A	
	Height 772mm	Internal Resistance	Full charged@20°C: 0.00021 Ohm	
	Total Height 807mm	Self Discharge	2% of capacity declined per month@20°C	
Capacity Affected by Temp. (10HR)	40°C	20°C	0°C	-15°C
	109%	100%	85%	65%

### ■ CHARGE

Using Mode	Cycle use	Float use
Charge Voltage (20°C)	2.35~2.40V(-5mV/°C)	2.25~2.29V(-3mV/°C)



# 16 OPzV2000

## NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

### ■ CONSTANT CURRENT DISCHARGE CHARACTERISTICS

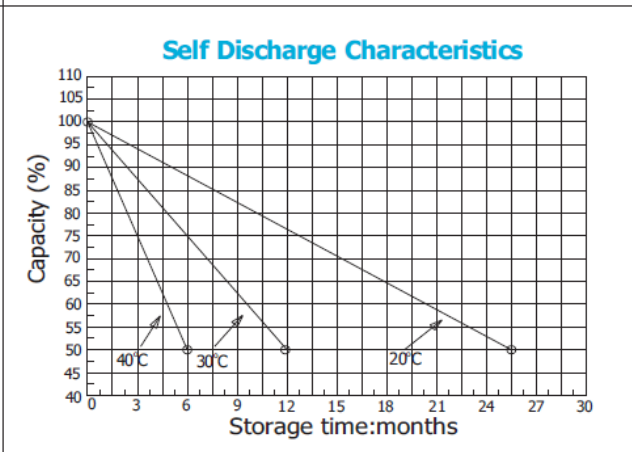
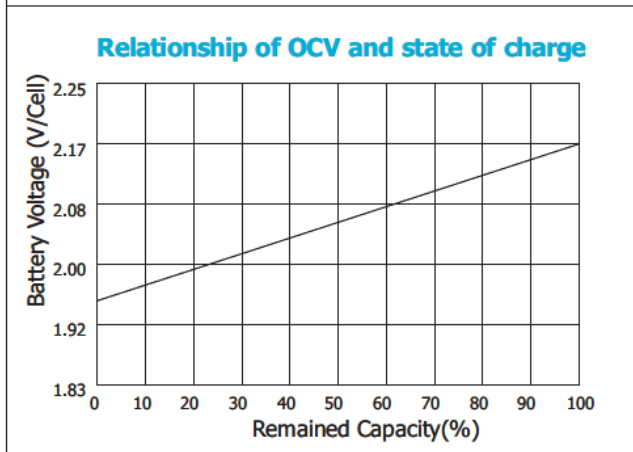
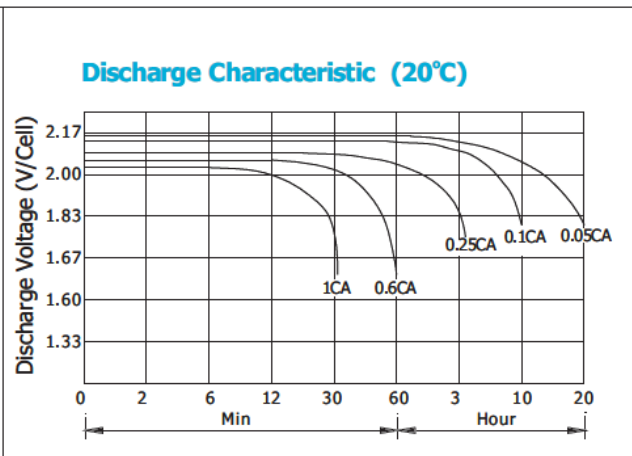
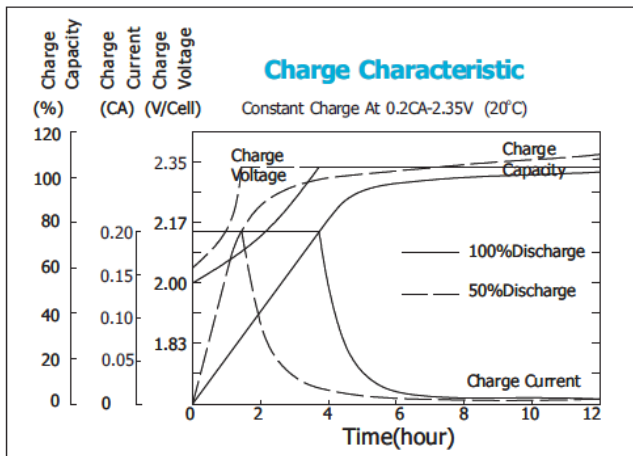
UNIT: A (20°C)

F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.70V	1824	1552	1285	756	560	372	248	205	110
1.75V	1600	1408	1210	720	544	363	246	204	109
1.80V	1344	1232	1082	676	520	351	239	200	105
1.83V	1216	1120	994	640	496	338	229	192	102
1.87V	1100	960	871	576	453	311	218	181	92.8
1.90V	950	800	766	520	410	282	205	170	87.9

### ■ CONSTANT POWER DISCHARGE CHARACTERISTICS

UNIT: W/CELL (20°C)

F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.70V	3057	2525	2076	1396	1050	752	510	398	214
1.75V	2708	2212	1997	1354	1024	732	495	392	210
1.80V	2201	2109	1800	1314	1003	707	460	362	205
1.83V	2090	1801	1603	1248	964	666	439	350	190
1.87V	1800	1641	1723	1105	872	600	408	335	172
1.90V	1650	1610	1515	1005	788	518	383	322	166



Issue: SC-16-OPzV2000-001-CGB-201604. For the improvement of products and technology, and the appearance of the specifications are subject to change without prior notice. The company has the right of final interpretation.

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