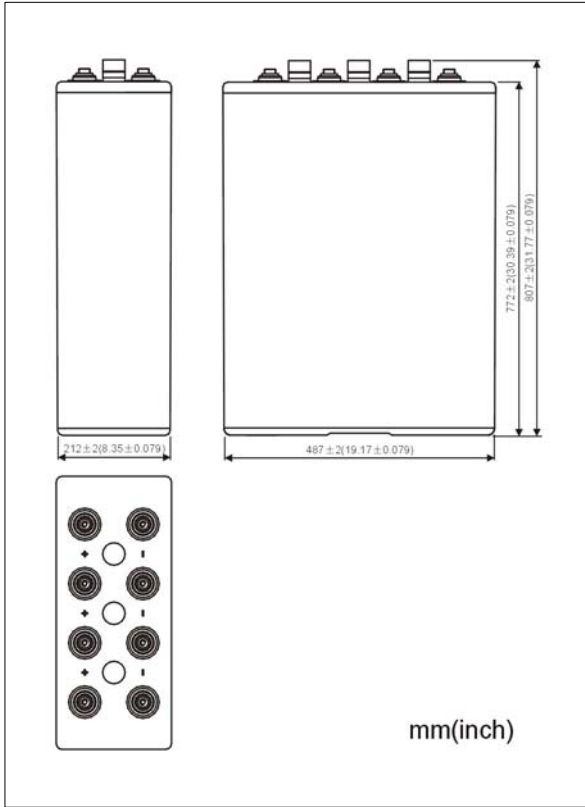


20 OPzV2500

NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

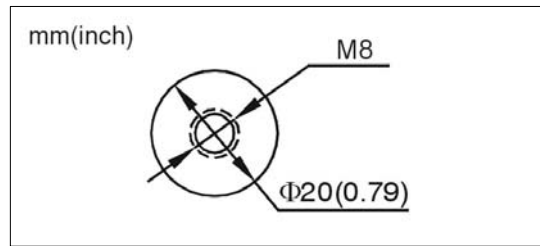
■ DIMENSION



■ 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_{10})	2500Ah (1.80V @ 20°C)	
Dimension	Length 487mm	Weight	Approx. 185 kg	
	Width 212mm	Max Charging Current	500A	
	Height 772mm	Internal Resistance	Full charged@20°C: 0.00017 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)



20 OPzV2500

NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

■ CONSTANT CURRENT DISCHARGE CHARACTERISTICS

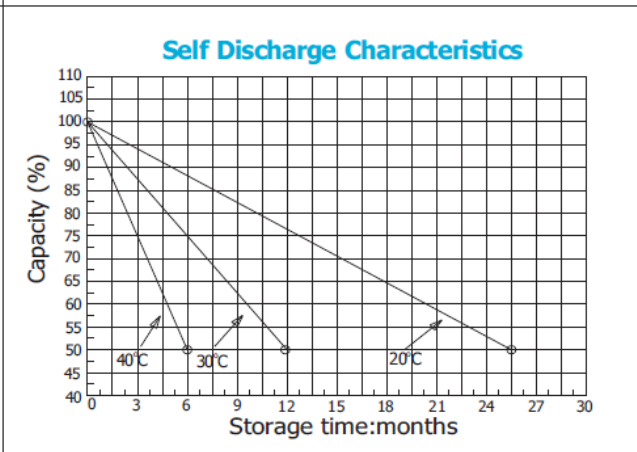
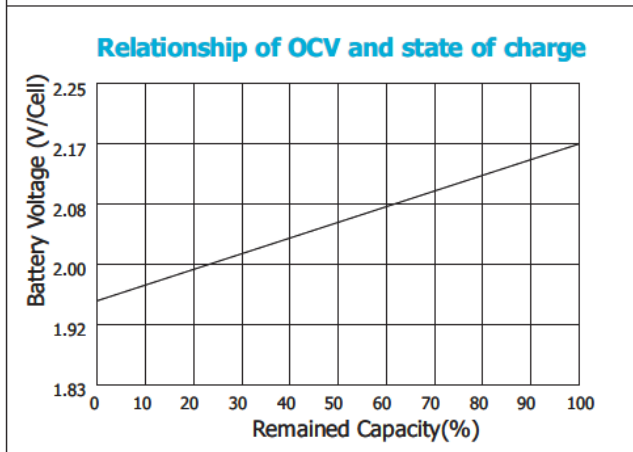
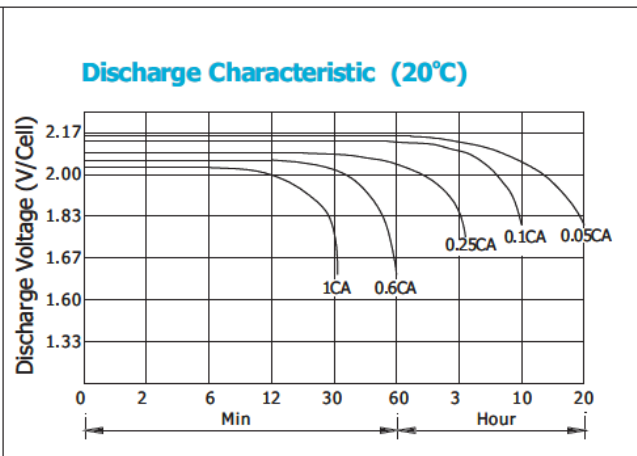
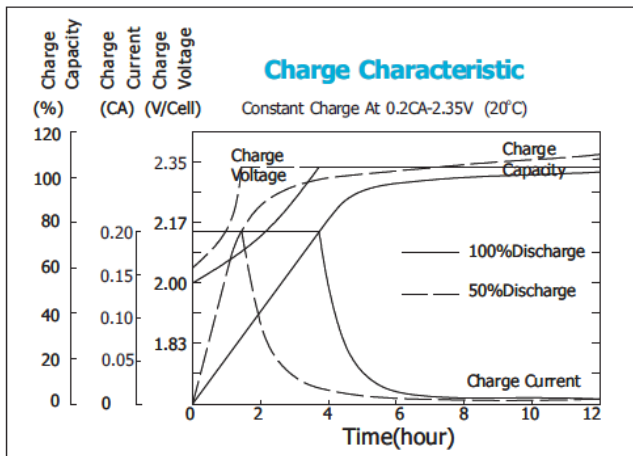
UNIT: A (20°C)

F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.70V	2280	1940	1606	944	700	441	310	256	139
1.75V	2000	1760	1513	900	630	431	308	254	136
1.80V	1680	1540	1353	844	625	416	298	250	131
1.83V	1520	1400	1243	800	620	401	286	240	129
1.87V	1400	1200	1089	720	566	369	272	226	116
1.90V	1300	1000	957	650	512	334	256	212	110

■ CONSTANT POWER DISCHARGE CHARACTERISTICS

UNIT: W/CELL (20°C)

F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.70V	3821	3155	2595	1692	1313	892	638	499	270
1.75V	3384	2766	2497	1674	1210	870	618	491	263
1.80V	2752	2637	2250	1641	1207	838	575	453	248
1.83V	2613	2252	2027	1559	1204	789	548	451	233
1.87V	2436	2050	2155	1380	1090	712	512	418	215
1.90V	2611	2013	1893	1257	984	614	478	402	208



Issue: SC-20-OPzV2500-001-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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