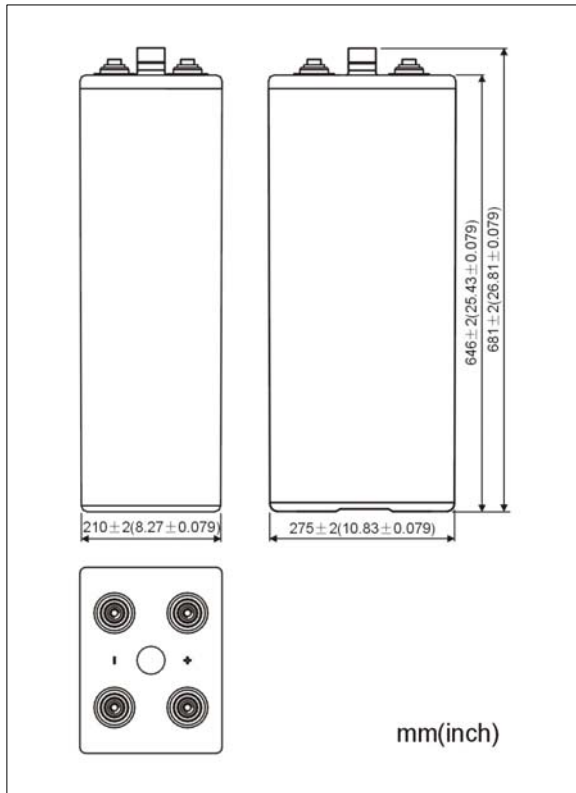


12 OPzV1200

NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

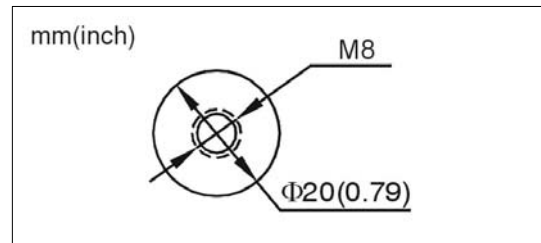
■ DIMENSION



■ 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)	1200Ah (1.80V @ 20°C)	
Dimension	Length 275mm	Weight	Approx. 87 kg	
	Width 210mm	Max Charging Current	240A	
	Height 646mm	Internal Resistance	Full charged@20°C: 0.00027 Ohm	
	Total Height 681mm	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)



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NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

■ CONSTANT CURRENT DISCHARGE CHARACTERISTICS

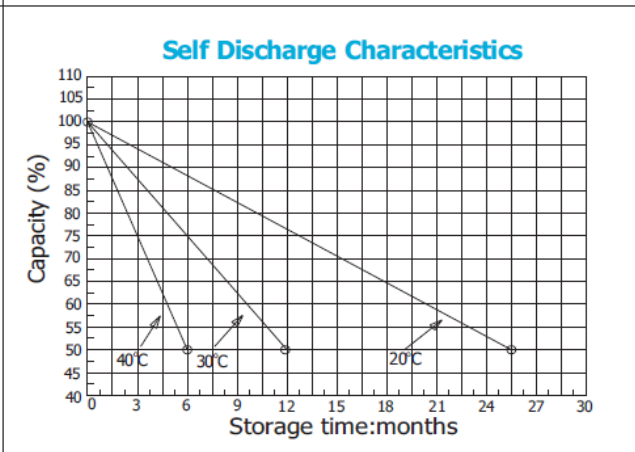
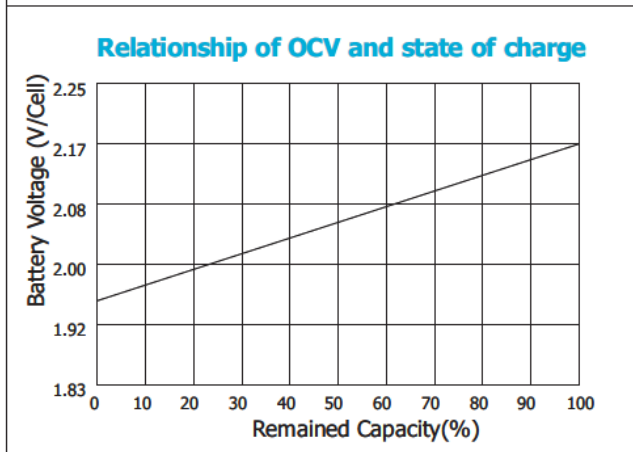
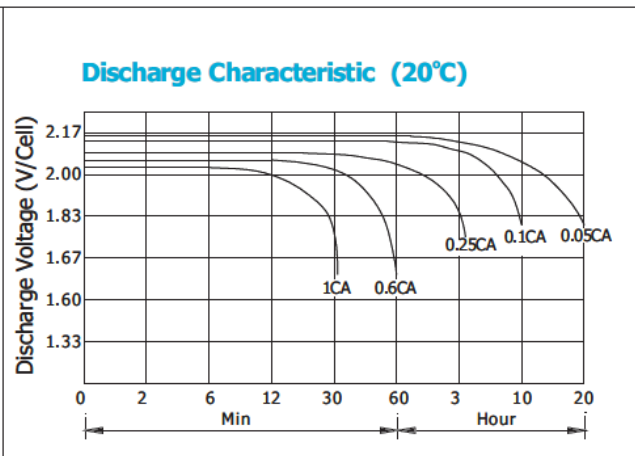
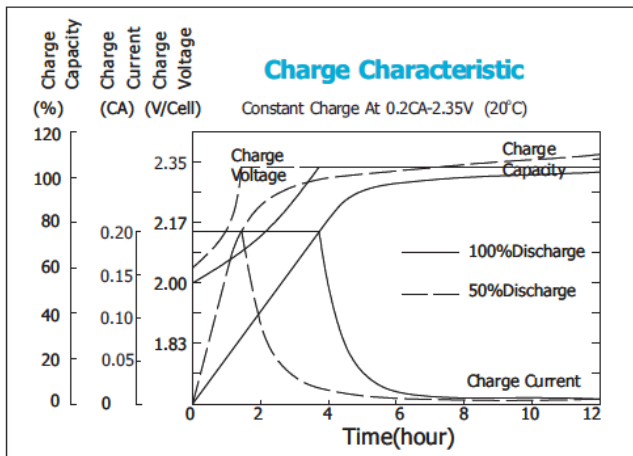
UNIT: A (20°C)

F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.70V	1272	1032	738	429	318	213	147	122	65.3
1.75V	1128	936	706	417	312	211	146	121	64.7
1.80V	984	840	655	399	300	208	144	120	64.0
1.83V	888	756	605	384	292	203	141	117	62.3
1.87V	720	660	542	354	274	195	134	112	59.9
1.90V	624	588	491	330	258	185	129	107	57.2

■ CONSTANT POWER DISCHARGE CHARACTERISTICS

UNIT: W/CELL (20°C)

F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.70V	2193	1787	1339	814	640	438	290	235	125
1.75V	2018	1712	1300	793	623	433	284	234	124
1.80V	1788	1607	1227	770	603	424	280	233	122
1.83V	1645	1378	1130	735	596	405	268	225	120
1.87V	1555	1304	1098	730	583	399	262	220	118
1.90V	1294	1199	1000	705	540	386	251	210	115



Issue: SC-12 OPzV1200-001-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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