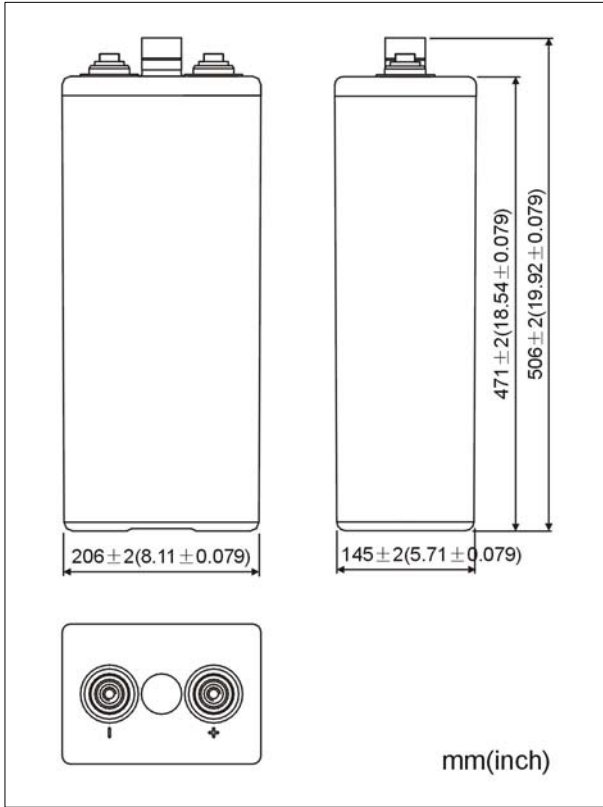


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NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

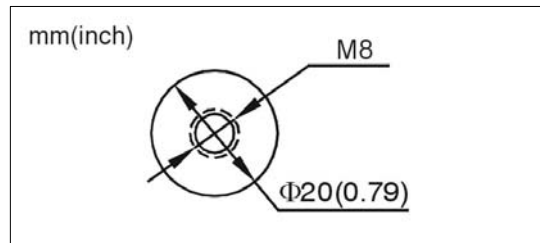
■ DIMENSION



■ 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)	420Ah (1.80V @ 20°C)	
Dimension	Length 145mm	Weight	Approx. 32.5 kg	
	Width 206mm	Max Charging Current	84A	
	Height 471mm	Internal Resistance	Full charged@20°C: 0.00051 Ohm	
	Total Height 506mm	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

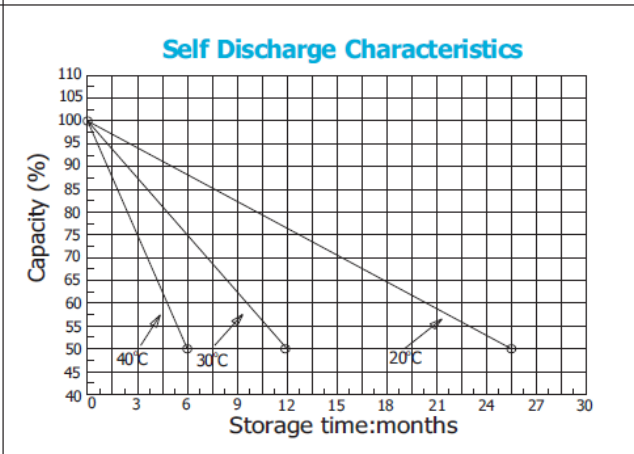
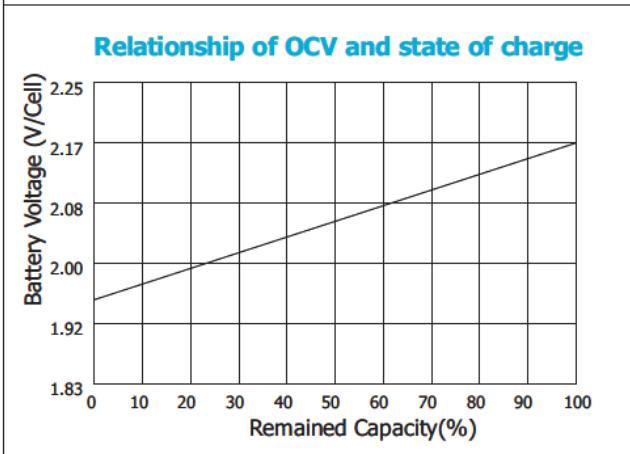
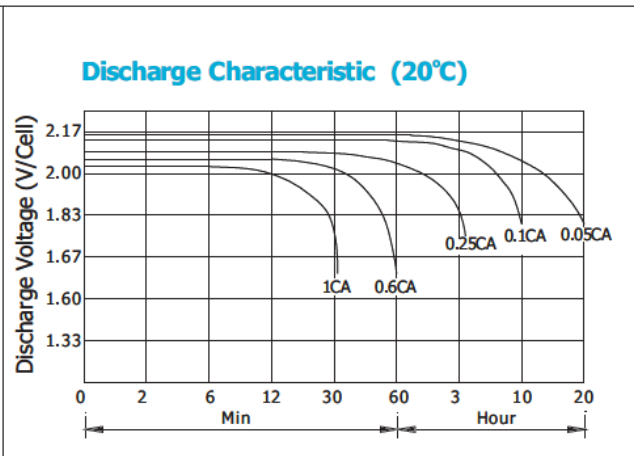
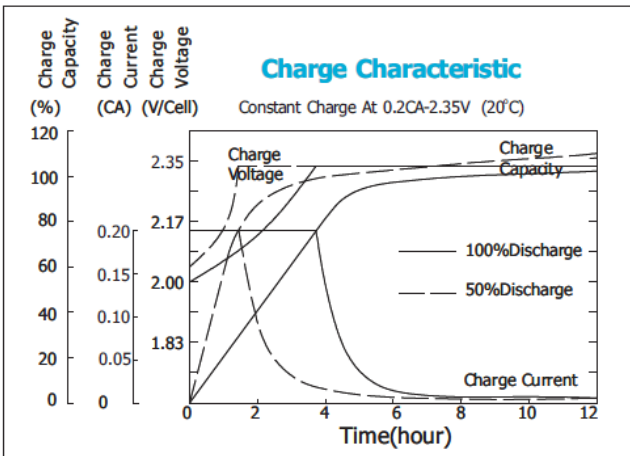
UNIT: A (20°C)

F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.70V	490	375	240	150	111	76.5	53.0	45.0	24.1
1.75V	442	348	235	146	109	75.6	52.8	44.5	23.8
1.80V	384	318	222	141	105	73.8	51.6	42.0	22.5
1.83V	348	293	210	136	102	72.0	51.0	41.8	22.4
1.87V	300	260	191	128	97.0	68.0	48.6	40.8	21.8
1.90V	250	234	174	117	91.0	64.0	47.0	39.0	20.9

■ CONSTANT POWER DISCHARGE CHARACTERISTICS

UNIT: W/CELL (20°C)

F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.70V	803	653	410	294	205	134	95.5	82.8	48.3
1.75V	707	610	405	284	200	133	95.1	82.0	48.0
1.80V	588	545	400	258	192	130	93.1	78.8	47.4
1.83V	530	476	378	257	190	125	90.3	77.5	47.0
1.87V	462	430	344	236	178	117	83.7	76.2	46.7
1.90V	445	390	334	211	154	109	81.3	73.0	43.2



Issue: SC-6 OPzV420-001-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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