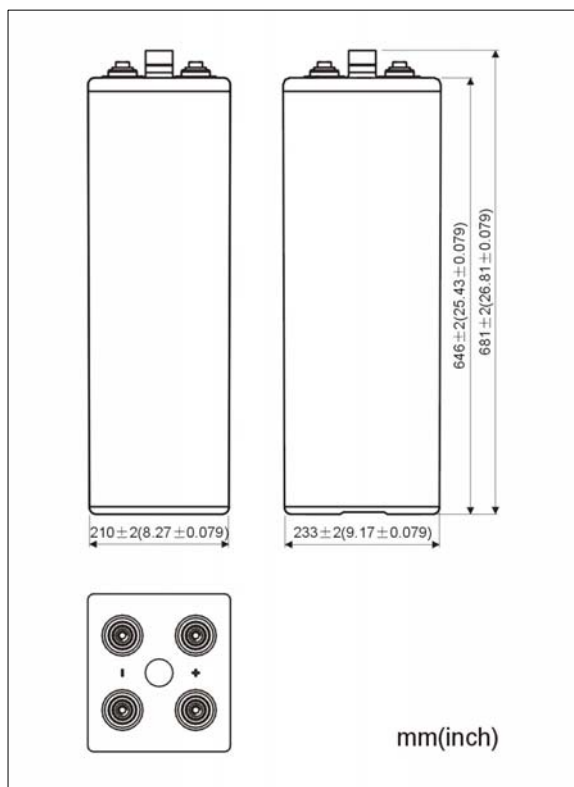


10 OPzV1000

NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

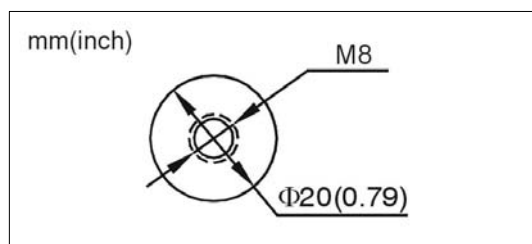
■ DIMENSION



■ 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})	1000Ah (1.80V @ 20°C)	
Dimension	Length 233mm	Weight	Approx. 73.2 kg	
	Width 210mm	Max Charging Current	200A	
	Height 646mm	Internal Resistance	Full charged@20°C: 0.00032 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	1060	860	632	357	265	177	124	102	53.6
1.75V	940	780	605	347	260	176	122	101	53.2
1.80V	820	700	562	332	250	173	120	100	53.0
1.83V	740	630	518	320	243	169	117	97.0	52.4
1.87V	600	550	464	295	228	162	112	93.0	52.0
1.90V	520	490	421	275	215	154	107	89.0	49.9

■ CONSTANT POWER DISCHARGE CHARACTERISTICS

UNIT: W/CELL (20°C)

F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.70V	1828	1490	1147	678	535	367	245	196	114
1.75V	1681	1427	1020	661	519	360	237	195	111
1.80V	1490	1339	1000	642	502	355	235	194	109
1.83V	1372	1148	969	613	495	336	223	187	107
1.87V	1296	1087	945	610	486	332	218	183	105
1.90V	1077	998	859	589	440	312	210	174	100

