

OpzS Series

BSB OpzS Series Lead Acid batteries are designed with a combination of die-casting Tubular positive framework and superfluous electrolyte technologies to offer a very high level of reliability and a long service life. OpzS batteries used special filter and proof design to ensure no acid fog runs over and burning proof, and also convenient examine and maintenance.

Application

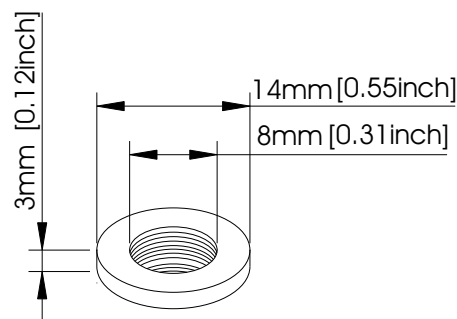
Telecommunications	Medical Equipment
Cable Television	UPS
Electric Utility	Railroad Utility
Control Equipment	Photovoltaic System
Security System	Alternative Energy System

General Features

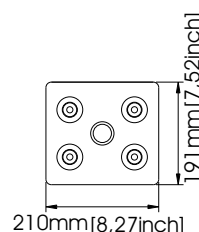
- Maintenance convenient.
- Non-Spillable construction design.
- Transparent containers, convenient to observe.
- Special filter installation for acid fog proof.
- High quality and high reliability.
- Super long service life.
- Special pole sealed technology.
- Super reliability.

Construction

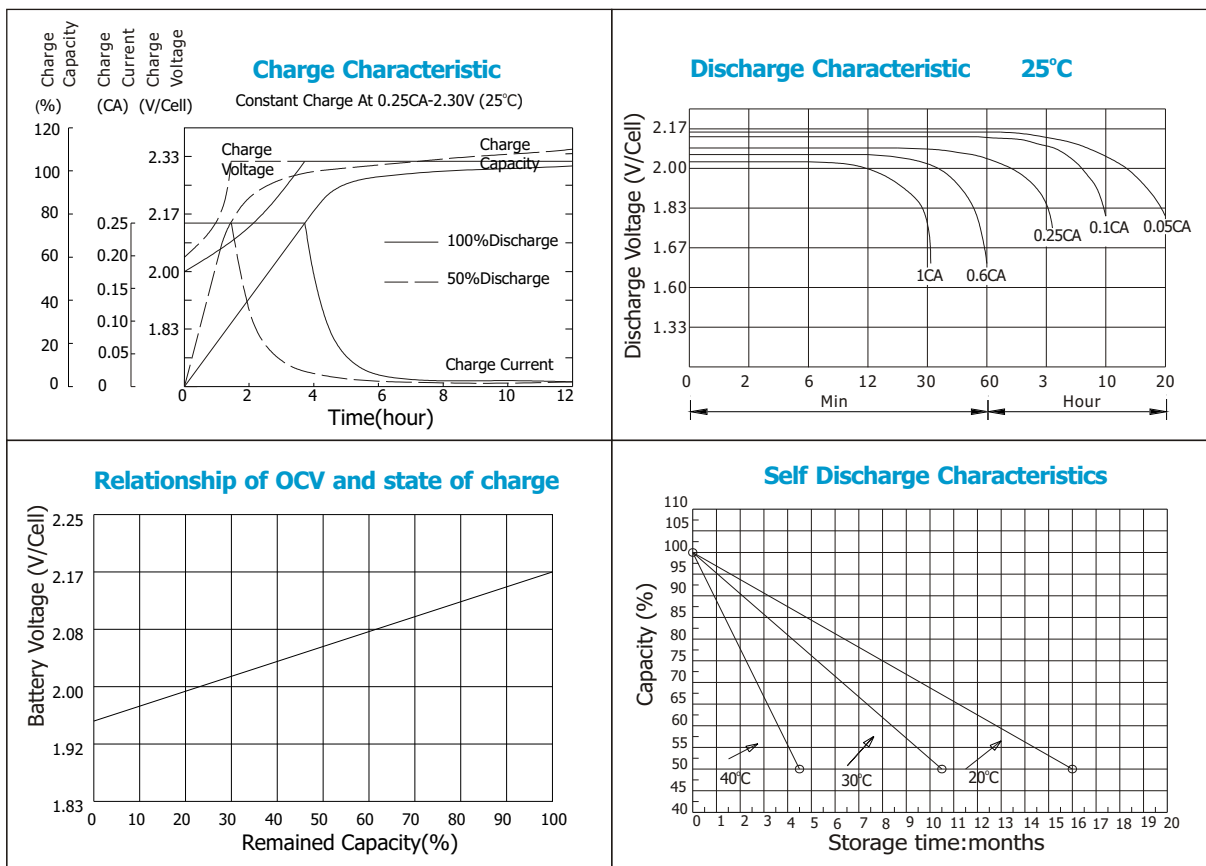
Component	Raw material	Terminal	Copper
Positive	Lead dioxide	Separator	Rubber-PVC
Negative	Lead	Electrolyte	Sulfuric acid
Container	AS		
Cover	AS		



Terminal Dimensions



Battery Model	OPzS 2-800			
Designed Floating Life	15 Years			
Capacity(25°C)	24HR(40.6A,1.85V)	10HR(80A,1.80V)	5HR(137.5A,1.77V)	1HR(416A,1.67V)
	975AH	800AH	688AH	416AH
Dimensions	Length	Width	Height	Total Height
	191mm(7.52inch)	210mm(8.27inch)	645mm(25.39inch)	700mm(27.56inch)
Approx. Weight	Without electrolyte:45.3 Kg (99.89 lbs) with electrolyte: 61.3Kg(135.2lbs)			
Internal Resistance	Full charged at 25°C: 0.0006 Ohm			
Self Discharge	3% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	2.35V-2.4V(-5mV/ °C), max. Current: 120A		2.24V(-3.3mV/ °C)	



Constant current discharge ratings-amperes at 25°C

TIME	1HR	3HR	5HR	10HR	24HR	48HR	72HR	96HR	120HR	240HR
CUT-OFF VOLTAGE	1.67	1.75	1.77	1.80	1.85	1.85	1.85	1.85	1.85	1.85
CAPACITY(AH)	416	600	688	800	975	1072	1150	1155	1160	1175

Constant power discharge ratings-watts at 25°C

TIME	1HR	3HR	5HR	10HR	24HR	48HR	72HR	96HR	120HR	240HR
CUT-OFF VOLTAGE	1.67	1.75	1.77	1.80	1.85	1.85	1.85	1.85	1.85	1.85
CAPACITY(WH)	686	1104	1335	1488	1755	1801	1932	1940	1948	1974

