

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 lever 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

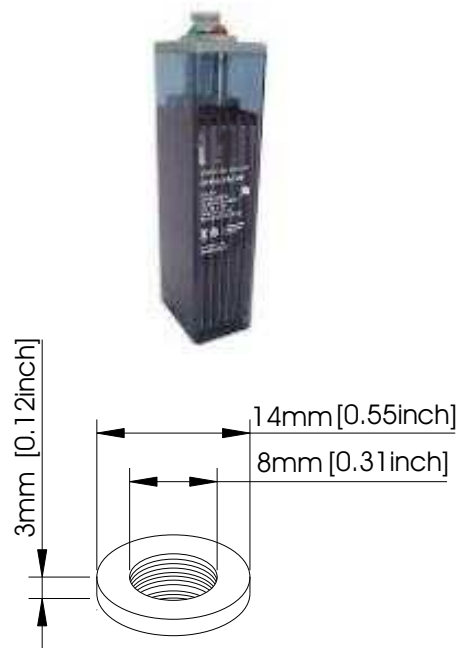
Telecommunications	Medical Equipment
Cable Television	UPS
Electric Utility	Railroad Utility
Control Equipment	Photovoltaic System
Security System	Alternative Energy System

General Features

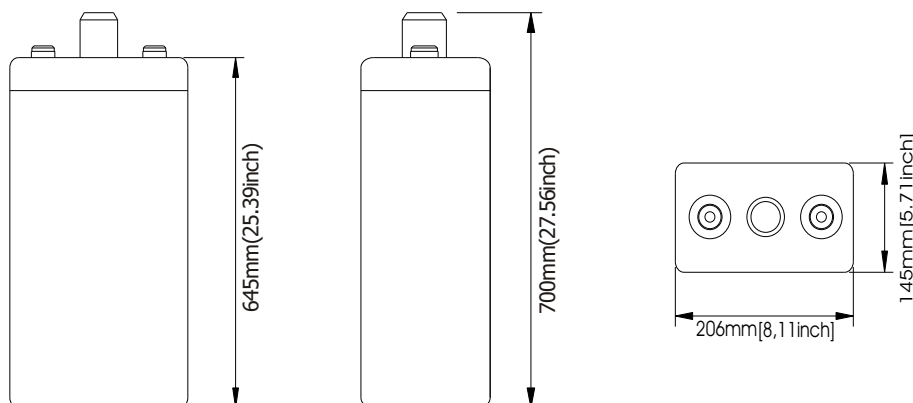
Maintenance convenient.
Non-Spillable construction design.
Transparent containers, convenient to observe.
Special filter installation for acid fog proof.
High quality and high reliability.
Super long service life.
Special pole sealed technology.
Super reliability.

Construction

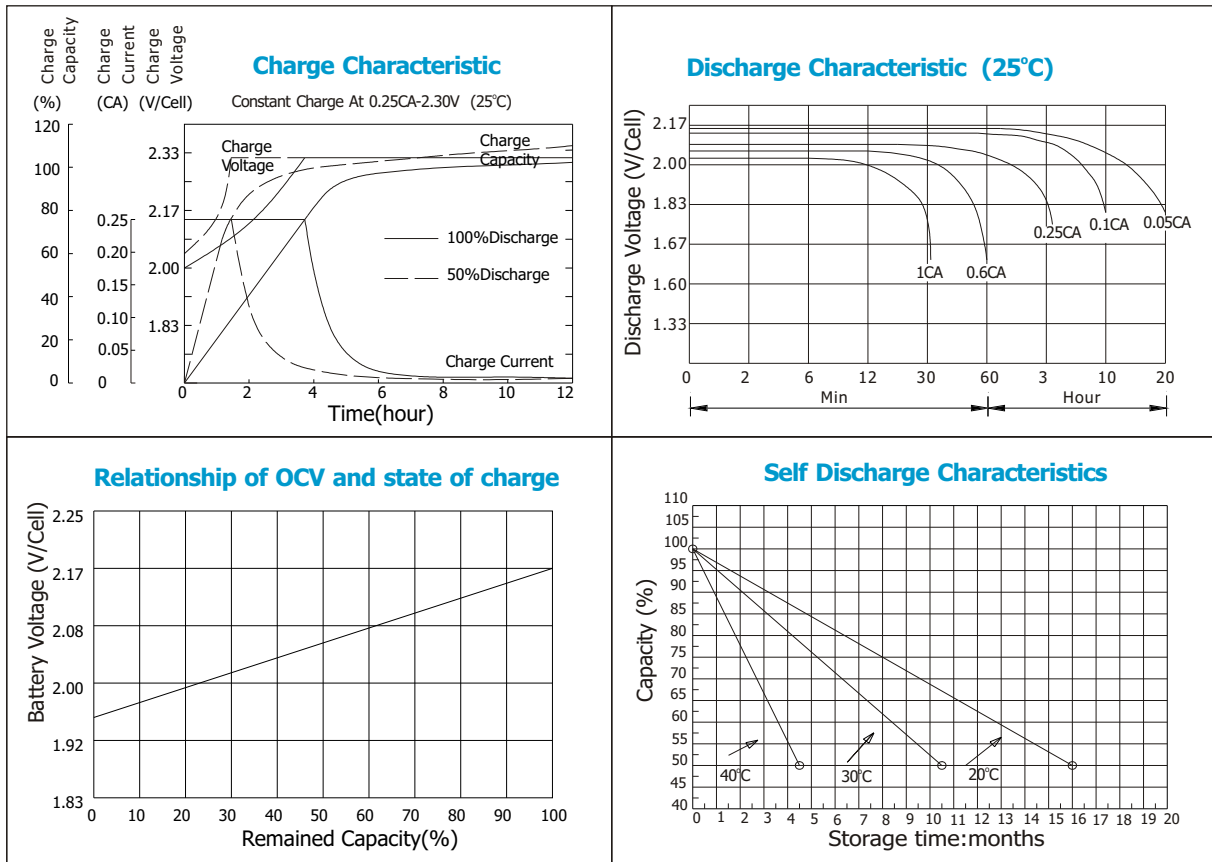
Component	Raw material		
Positive	Lead dioxide		TerminalCopper
Negative	Lead		SeparatorRubber-PVC
Container	AS		ElectrolyteSulfuric acid
Cover	AS		



Terminal Dimensions



Battery Model	OPzS 2-600			
Designed Floating Life	15 Years			
Capacity(25°C)	24HR(30.5A,1.85V)	10HR(60A,1.80V)	5HR(103A,1.77V)	1HR(312A,1.67V)
	732AH	600AH	516AH	312AH
Dimensions	Length	Width	Height	Total Height
	145mm(5.71inch)	206mm(8.11inch)	645mm(25.39inch)	700mm(27.56inch)
Approx. Weight	Without electrolyte:33.9 Kg (74.75 lbs) with electrolyte: 44.8Kg(98.78 lbs)			
Internal Resistance	Full charged at 25°C: 0.00063 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	
	2.3V-2.35V(-5mV/ °C), max. Current: 120A		2.25-2.27V(-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)	312	450	516	600	732	804	864	865	870	882

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)	549	774	882	984	1098	1206	1296	1298	1305	1323