

OPzS Series SLA Battery

Opzs Series

Bosfa 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
Cable Television
Electric Utility
Control Equipment
Security System

Medical Equipment
UPS
Railroad Utility
Photovoltaic System
Alternative Energy System

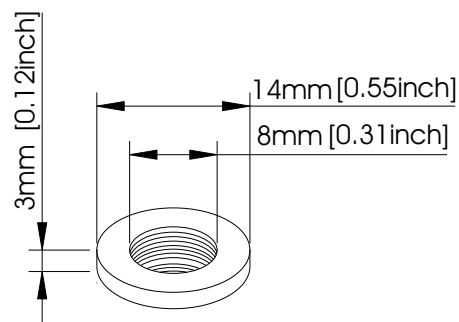
General Features

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.

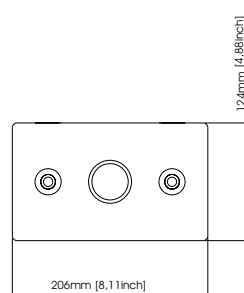
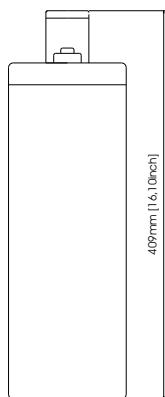
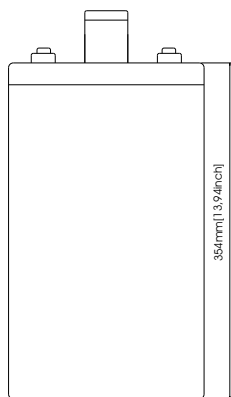
Construction

ComponentRaw material
PositiveLead dioxide
NegativeLead
ContainerAS
CoverAS

TerminalCopper
SeparatorRubber-PVC
ElectrolyteSulfuric acid

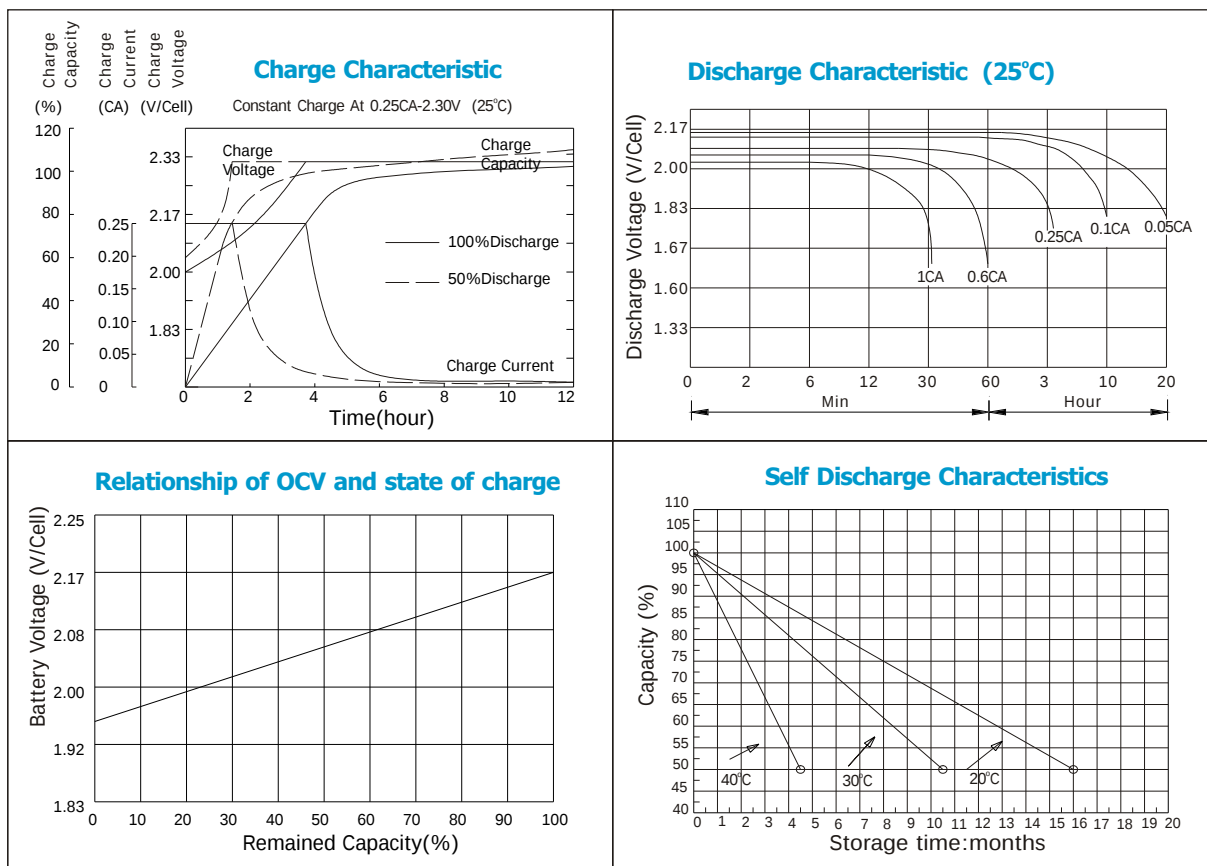


Terminal Dimensions



Battery Model	OPzS 2-250			
Designed Floating Life	15 Years			
Capacity(25°C)	24HR(12.92A,1.85V)	10HR(25A,1.80V)	5HR(43A,1.77V)	1HR(132.5A,1.67V)
	310AH	250AH	215AH	132.5AH
Dimensions	Length	Width	Height	Total Height
	124mm(4.88inch)	206mm(8.11inch)	354mm(13.94inch)	409mm(16.1inch)
Approx. Weight	Without electrolyte:16.2 Kg (35.7 lbs) with electrolyte: 20.8 Kg(45.86 lbs)			
Internal Resistance	Full charged at 25°C: 0.0008 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: 37.5A		2.24V(-3.3mV/ °C)	

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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)	132.5	187.5	215	250	310	335	350	352	355	365

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)	230.7	361	422	473	530	572	616	620	625	642

