

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

General Features

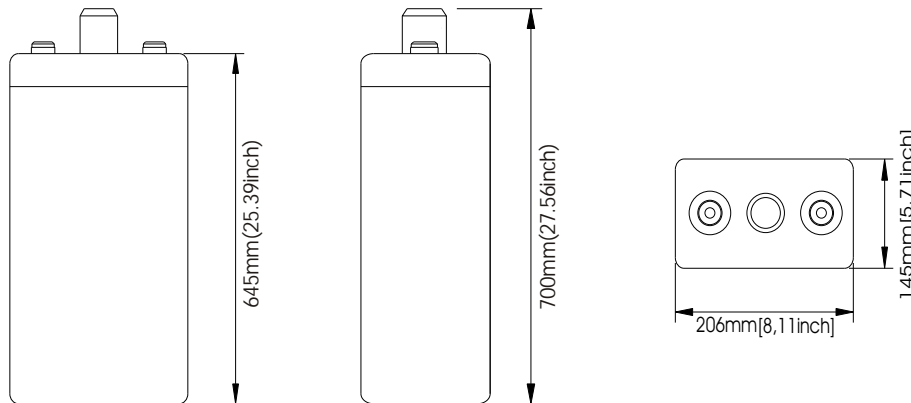
- Maintenance convenient.
- Non-Spillable construction design.
- Transparent containers, convenient to observe.
- Special filter installation for acid fog proof.
- High quality and high reliability.
- Super long service life.
- Special pole sealed technology.
- Super reliability.

Construction

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

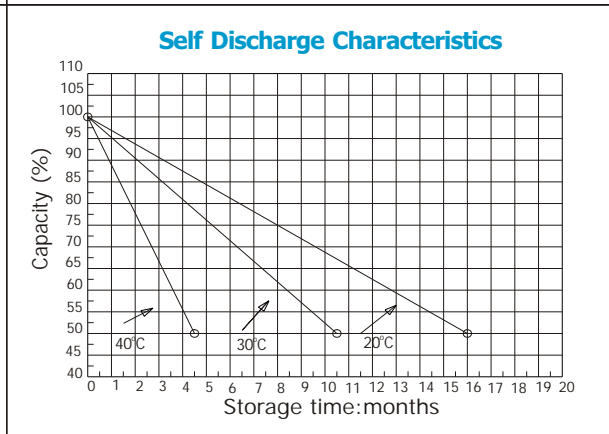
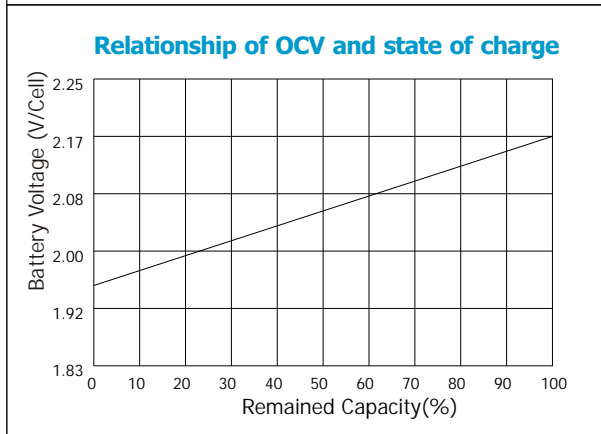
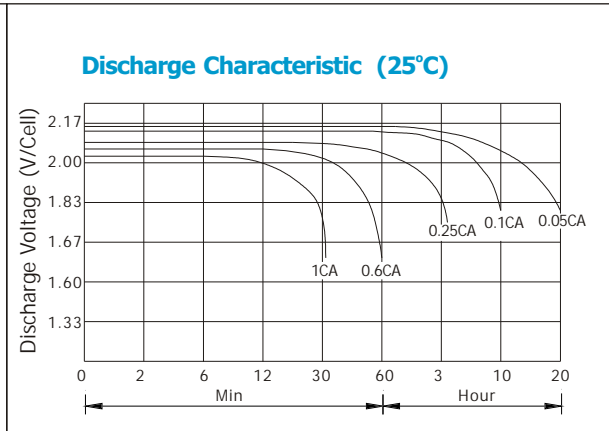
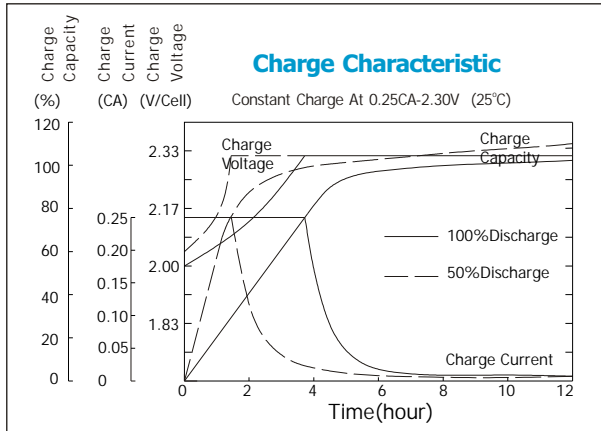


Terminal Dimensions



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)	

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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)	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

