

OPzS Series Battery

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CHISEN 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

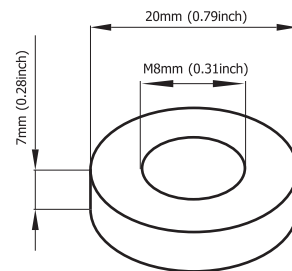
- Telecommunications
- Cable Television
- Electric Utility
- Security System
- UPS
- Control Equipment
- Medical Equipment
- Railroad Utility
- Photovoltaic System
- Alternative Energy System

General Features

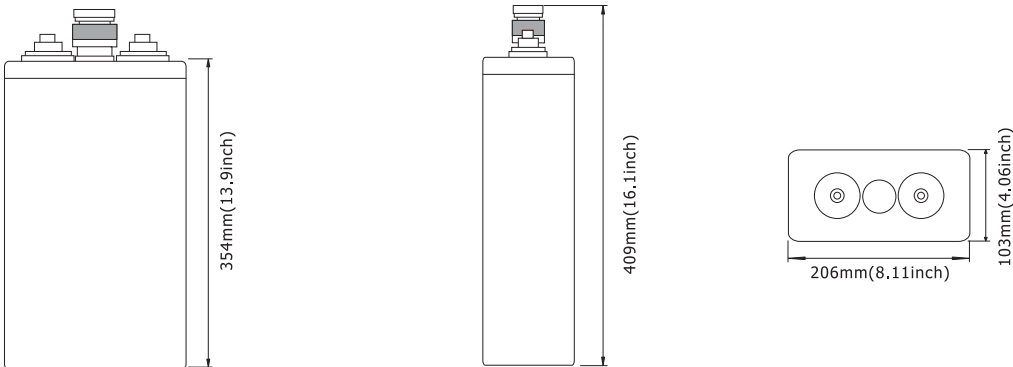
- Maintenance convenient.
- DIN40736-1 complaint.
- Transparent containers, convenient to observe.
- Special filter installation for acid fog proof.
- High quality and high reliability.
- Super long service life.
- Special pole sealed technology.

Construction

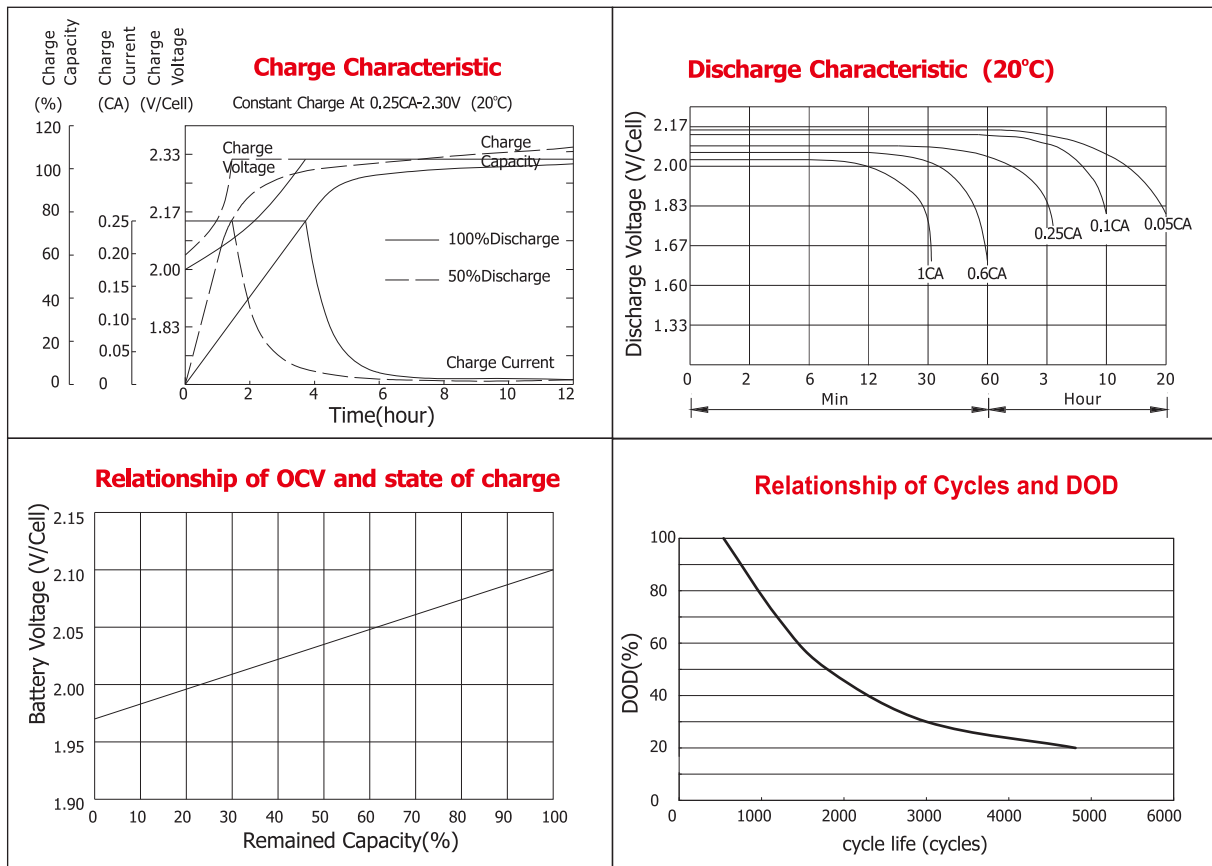
Component	.....Raw material	Terminal	.....Copper
Positive	.....Lead dioxide	Separator	.....Rubber-PVC
Negative	.....Lead	Electrolyte	.....Sulfuric acid
Container	.....SAN		
Cover	.....ABS		



Terminal Dimensions



Battery Model	OPzS2-100			
Designed Floating Life	20 Years			
Capacity(20°C)	24HR(4.45A,1.80V)	10HR(10A,1.80V)	5HR(17A,1.80V)	1HR(50A,1.80V)
	107AH	100AH	85AH	50AH
Dimensions	Length	Width	Height	Total Height
	103mm(4.06inch)	206mm(8.11inch)	354mm(13.9inch)	409mm(16.1inch)
Approx. Weight	without electrolyte:8.0Kg (17.6 lbs)		with electrolyte:12.6Kg(27.8 lbs)	
Internal Resistance	Full charged at 20°C: 0.001 Ohm			
Self Discharge	3% of capacity declined per month at (20°C)			
Capacity Affected by Temp.(10HR)	40°C	20°C	0°C	-15°C
	108%	100%	85%	65%
Charge Voltage(20°C)	Cycle use		Float use	
	2.35V-2.4V(-5mV/ °C), max. Current: 20A		2.24V(-3.3mV/ °C)	



Constant current discharge ratings-amperes at 20°C

TIME	1HR	3HR	5HR	10HR	24HR	48HR	72HR	100HR	120HR	240HR
CUT-OFF VOLTAGE	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CAPACITY(AH)	60	75	85	100	107	111	115	120	122	130

Constant power discharge ratings-watts at 20°C

TIME	1HR	3HR	5HR	10HR	24HR	48HR	72HR	96HR	120HR	240HR
CUT-OFF VOLTAGE	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
CAPACITY(WH)	108	137	163	198	214	220	225	240	247	261

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