

Characteristic

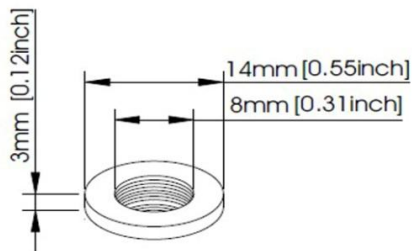
Opzs Series Lead Acid batteries are designed with a combination of die-casting Tubular positive framework and superfluous electrolyte technologies to offer a very high level of reliability and a long service life. Opzs batteries used special filter and proof design to ensure no acid fog runs over and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

General Features

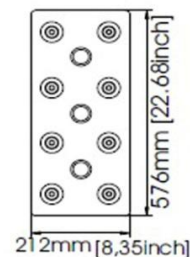
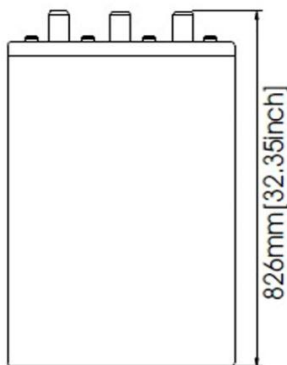
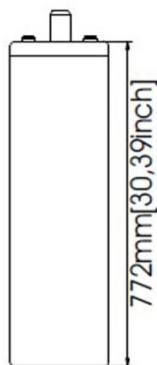
- Maintenance convenient.
- Non-Spillable construction design.
- Transparent containers, convenient to observe.
- Special filter installation for acid fog proof.
- High quality and high reliability.
- Super long service life.
- Special pole sealed technology.
- Super reliability.

Application

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

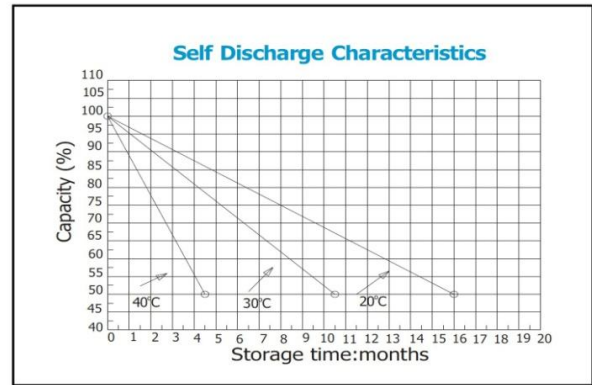
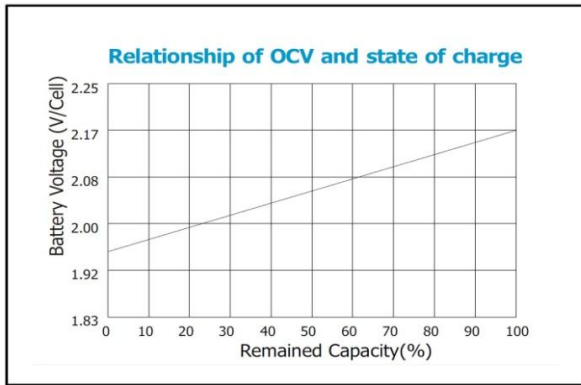
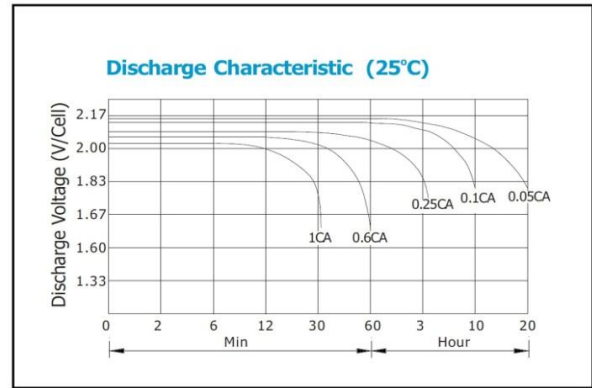
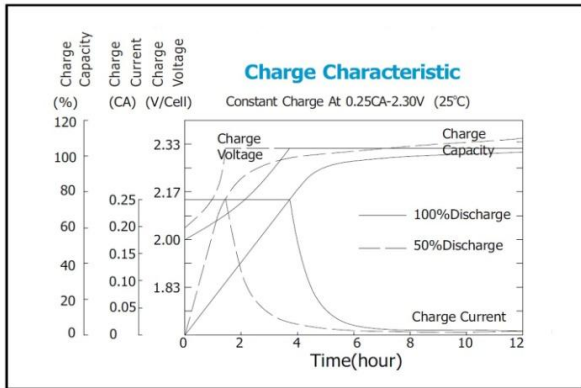


Terminal Dimensions



Performance

Battery Model	OPzS 3000-2			
Designed Floating Life	15 Years			
Capacity(25°C)	24HR(150A,1.85V)	10HR(300A,1.80V)	5HR(504A,1.77V)	1HR(1488A,1.67V)
	3600AH	3000AH	2520AH	1488AH
Dimensions	Length	Width	Height	Total Height
	576mm(22.68inch)	212mm(8.35inch)	771mm(30.35inch)	826mm(32.35inch)
Approx. Weight	Without electrolyte:179 Kg (394.7 lbs)		with electrolyte: 242 Kg (533.6 lbs)	
Internal Resistance	Full charged at 25°C: 0.00045 Ohm			
Self Discharge	3% of capacity dedined 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: 450A		2.24V(-3.3mV/ °C)	



Discharge Constant Current (Amperes at 77°F/25°C)

F.V/ Time	30min	1h	2h	4h	5h	8h	10h	20h	24h	48h
1.90	1596	1265	892	538.7	478.8	326.9	280.4	147.2	123.8	65.42
1.87	1784	1395	957	568.6	506.4	342.2	293.0	153.8	129.4	68.36
1.83	2044	1557	1038	598.5	529.2	357.5	305.6	160.4	135.0	71.30
1.80	2271	1687	1077	610.5	541.5	366.7	315.0	165.4	139.1	73.50
1.75	2531	1807	1126	620.6	551.3	372.8	321.3	168.7	141.9	74.97
1.70	2790	1866	1158	631.4	559.8	375.8	324.5	170.3	143.3	75.71
1.65	2878	1982	1197	640.4	567.5	378.9	327.6	172.0	144.7	76.44
1.60	3001	2051	1243	658.4	579.6	381.9	330.8	173.6	146.1	77.18

Discharge Constant Power (Watts at 77°F /25°C)

F.V/ Time	30min	1h	2h	4h	5h	8h	10h	20h	24h	48h
1.90	3055	2429	1725	1054	941.3	653.9	571.4	300.0	252.4	133.3
1.87	3362	2638	1829	1111	993.4	681.4	595.8	312.8	263.2	139.0
1.83	3766	2876	1947	1165	1035	705.8	617.2	324.0	272.6	144.0
1.80	4115	3068	2012	1187	1057	721.1	632.5	332.1	279.3	147.6
1.75	4464	3205	2077	1203	1072	730.3	641.7	336.9	283.4	149.7
1.70	4787	3238	2129	1222	1087	736.4	647.8	340.1	286.1	151.1
1.65	4868	3381	2188	1238	1099	742.5	650.8	341.7	287.4	151.9
1.60	4927	3486	2240	1269	1118	745.5	653.9	343.3	288.8	152.6