

# OPzS series

## Tubular Flooded Battery



产品简介 : Product Summary

OPzS 系列（富液式系列）该系列产品是按照德国国际标准研制开发的管式正极板开口式、高性能、长寿命的新型电池。该电池具有外形美观、性能可靠、寿命长、短时率大电流放电性能优越等特点，应用于电力系统、通信系统、不间断电源系统、开关及控制系统、动力系统、太阳能光伏系统等，特别适合于对安全和可靠性以及使用寿命有极高要求的场合。

OPzS series(flooded electrolyte type) product is tubular positive plate flooded type, high performance, long service life new battery, which is developed in accordance with Germany Standards. This series battery has nice appearance, reliable performance, long service life and high current discharging in short term, adapting to Power System, Communication System, UPS system, Switch Control System, Dynamical System, Solar Photovoltaic System and so on, especially suitable for the place need high request for security, reliability and service life.

产品性能特点 : Product Features

- 标称电压：2V
  - 额定容量：200Ah~3000Ah
  - 工作温度范围：-20~50℃;
  - 设计寿命 20 年;
  - 采用多元合金压铸成型的管式正极板，有效防止活性物质脱落;
  - 高质量的 AS 塑料透明壳体，外形美观，耐腐蚀、强度高;
  - 微孔橡胶隔板与 PVC 波纹塑料板组合方式，具有高孔隙率，提高了电解液的扩散速度，防止深放电后的枝晶短路;
  - 内嵌式铜芯压铸铅基极柱，具有大电流承载能力，耐腐蚀性能好;
  - 独特的极柱密封结构图，有效防止后期极板生长造成的压力，避免泄漏
  - 采用特制的防酸栓，具有过滤酸雾和阻燃功能，可直接测量电解液密度和温度，使用安全，易于维护;
  - 执行标准：GB/T 13337.1-2001 、 IEC 60896-11
- Nominal Volts: 2V
  - Rated Capacity: 200Ah~3000Ah
  - Operating Temperature Range: -20~50°C
  - The design life is 20 years
  - Multi-element alloy die-casting molding tubular positive plate, which can effectively prevent the active materials loss.
  - High quality AS plastic transparent container, has nice appearance, corrosion resistance and high strength.
  - Porous corrugated plastic board combine with microporosity rubber separator, high porosity, improving the speed of electrolyte diffusion, avoid the short circuit after deep discharge.
  - Embedded copper die-casting lead-based terminals, more current carrying capacity and good corrosion resistance.
  - The unique column sealed structure can effectively remove the stress caused by plate and avoid leakage.
  - Using special infundibulate acid proof bolt, has the function of acid mist filtration and inflaming retarding, measuring the electrolyte density directly. Safe use and easy maintenance.
  - Can be delivered by liquid or dry electrolyte condition.
  - Standard:GB/T 13337.1-2001,IEC 60896-11

应用领域 : Application

- 核电站
- 发电厂、变电站开关操作系统
- 通信系统
- 电力系统
- 监测和控制系统
- 紧急照明系统
- 数据处理系统
- UPS 不间断电源系统
- 自动化系统
- 太阳能、风能储能系统



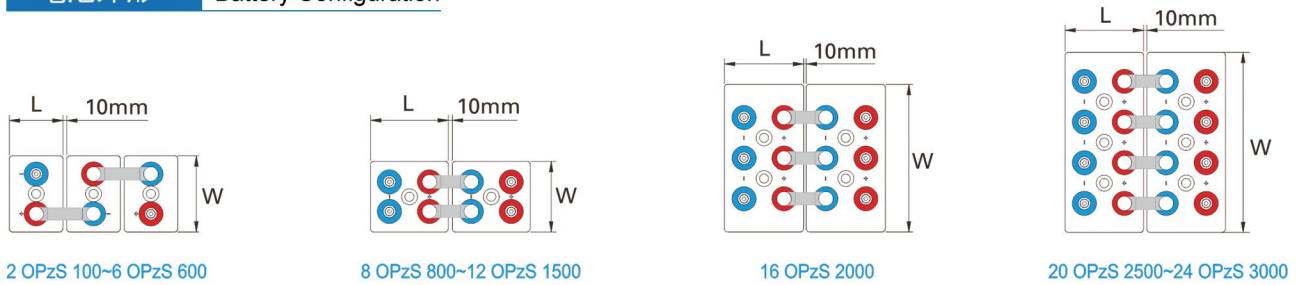
- Nuclear Power Station
- Switching operating system in power station
- Communication system
- Electric power system
- Monitoring and control system
- Emergency lighting system
- Data processing system
- UPS system
- Automation System
- Solar and Wind Energy Storage System

规格型号 : Specification Model

电池型号 Battery Type	额定电压 Rated Voltage	额定容量Rated Capacity	尺寸 Dimension			重量无液 Weight	端子类型Type
	V		长 Length mm	宽 Width mm	高 Height mm		
OPzS2-200	2	200	103	206	410	13.3	M8
OPzS2-250	2	250	124	206	410	15.8	M8
OPzS2-300	2	300	145	206	410	18.5	M8
OPzS2-350	2	350	124	206	526	21.5	M8
OPzS2-420	2	420	145	206	526	25.1	M8
OPzS2-490	2	490	166	206	526	28.9	M8
OPzS2-600	2	600	145	206	701	32.4	M8
OPzS2-770	2	770	210	254	526	45.4	M8
OPzS2-800	2	800	191	210	701	45.6	M8
OPzS2-1000	2	1000	233	210	701	55.8	M8
OPzS2-1200	2	1200	275	210	701	66.1	M8
OPzS2-1500	2	1500	275	210	851	83.5	M8
OPzS2-2000	2	2000	399	214	827	112.8	M8
OPzS2-2500	2	2500	487	212	827	140.4	M8
OPzS2-3000	2	3000	576	212	827	166.7	M8

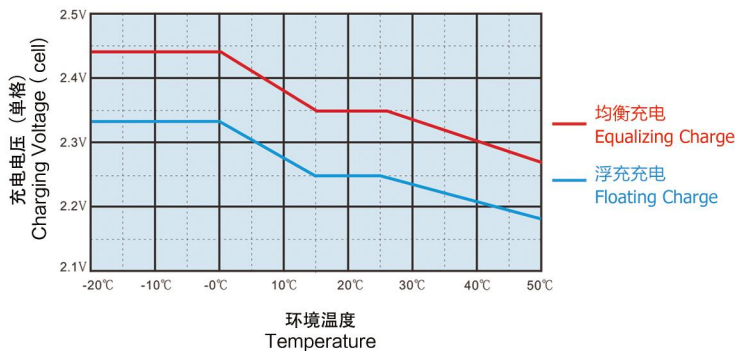
注：更多规格请查询 [www.kweight.net](http://www.kweight.net) 或 [www.kweightpower.com](http://www.kweightpower.com)

电池外形 : Battery Configuration

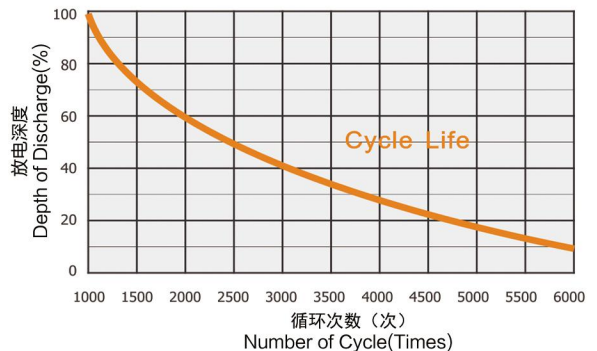


电池曲线图 : Battery Characteristic Graph

充电电压与温度关系曲线



不同放电深度下循环寿命





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