

# KW series

## General Battery



**产品简介 :** Product Summary

KW 系列产品为 6V、12V 整体式 AGM 阀控式免维护铅酸蓄电池,为通用型设计的蓄电池产品,具有容量范围广、型号多、密封安全可靠、内阻小、自放电率低、密封反应效率高等优点;广泛用于通信系统、电力系统、不间断电源(UPS)、太阳能系统、报警消防及安防系统等各种领域,具有清洁环保、安全轻便、安装简捷等优点。

KW Series products are 6V, 12V monolithic AGM valve regulated sealed lead-acid battery and universal design for battery products. It has advantages including wide capacity range, multi-type, safty reliable seal, small internal impedance, low self-discharge, sealed and high efficient reaction, clean and environment protection, safe, clean, easy installation and so on. It is widely used in various fields of communication systems, power systems, uninterruptible power supply (UPS), solar systems, fire alarms and security systems.

**产品性能特点 :** Product Features

- 标称电压: 6V, 12V;
- 额定容量: 1.4Ah~250Ah;
- 工作温度范围: -15~45°C;
- 设计寿命 5 年;
- 采用特殊铅基多元合金板栅, 抗腐蚀性能及充电接受能力强;
- 采用新型特殊工艺极板配方, 活性物质利用率高;
- 优质超细玻璃纤维吸液式电池技术, 气体复合率达 99% 以上;
- 高强度 ABS 塑料电池槽、盖, 结构紧凑, 具有耐腐蚀、耐冲击、抗震动等特点;
- 内阻小, 大电流放电性能优良;
- 自放电小, 使用温度范围广;
- 采用多重密封技术, 确保电池无泄露, 无酸雾逸出, 安全可靠;
- 使用严格的生产工艺, 单体电压均衡性强;
- 不需维护, 无需加水补液;
- 满荷电出厂, 运输安全;
- 执行标准: GB/T 19638.1.2、IEC 60896-21/22、YD/T 799-2010
- Nominal voltage: 6V, 12V
- Rated Capacity: 1.4Ah ~ 250Ah
- Operating temperature range: -15 ~ 45 °C
- The design life is 5 years
- Using special polybasiclead base alloygrid with high corrosion resistance and charge acceptance
- Using new special process sheet formula to improve the utilization of active material
- Using high quality superfine glass fiberliquid-suction battery technology to exceed 99% gas recombination rate
- High-strength ABS plastic battery slot and cover with features of compact structure, corrosion resistant, impact resistance and anti-vibration and so on
- Small internal impedance, excellent performance when high current discharge
- Low self-discharge, wide operating temperature range
- Using multiple sealing technologies to ensure no leakage, no acid mist escaping to keep safe and reliable
- Using strict production process, unit voltage balance is strong
- Free maintenance, without adding water rehydration
- The battery has full chargedbefore leaving the factory, and transportation is safestems, fire alarms and security systems
- Standard:GB/T 19638.1.2,IEC 60896-21/22,YD/T 799-2010

**应用领域 :** Application

**浮充使用 :**

- 通讯及电力设备
- 紧急照明系统
- 监控系统
- 石油化工系统
- 网络数据中心
- UPS/EPS 电源
- 变、发电站紧急电源系统
- 医疗设备



**Floating Usage**

- Communications and power equipment
- Emergency lighting system
- Monitoring system
- Petrochemical industry system
- Network Data Center
- UPS / EPS power supply
- Emergency substation power system
- Medical Equipment

**Recycle Usage**

- Portable Power
- Record and playback device
- Electric toys
- Power tools
- Portable surveyor
- Lighting equipment
- Various signaling system
- Solar energy, wind energy storage system

**循环使用 :**

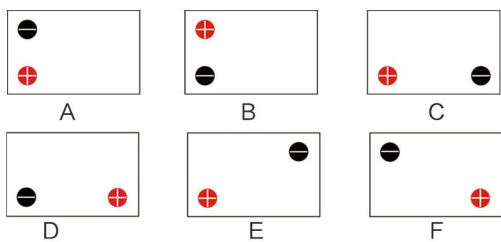
- 便携式电源
- 录放机、收音机等
- 电动玩具
- 割草机、吸尘器等各种电动工具
- 手提式测量器
- 照明器材
- 各类信号系统
- 太阳能、风能储能系统

规格型号 : Specification Model

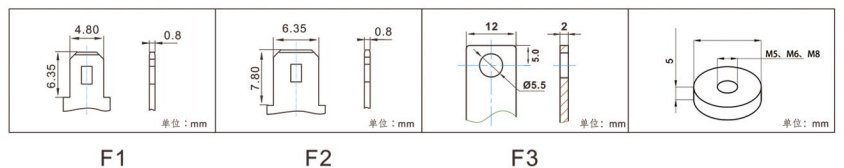
电池型号 Battery Type	额定电压 Rated Voltage	额定容量 Rated Capacity	尺寸 Dimension			重量 Weight	端子布局 Position	端子类型 Type
			长 Length	宽 Width	高 Height			
			V	Ah	mm			
KW6-2.8	6	2.8	66	34	105	0.51	C	F1
KW6-3.2	6	3.5	125	33	65	0.62	C	F1
KW6-7	6	7.0	151	35	101	1.05	C	F1/F2
KW6-12	6	12.0	151	50	101	1.53	C	F1/F2
KW12-1.3	12	1.4	97	43	56	0.55	A	F1
KW12-2.3	12	2.5	178	34	66	0.78	C	F1
KW12-2.9	12	2.9	79	56	104	0.96	A	F1
KW12-4	12	4.0	90	70	106	1.35	C	F1/F2
KW12-7	12	7.0	151	65	100	2.05	A	F1/F2
KW12-12	12	12.0	151	98	101	3.00	C	F2
KW12-38	12	38.0	196	165	175	11.00	D	M5
KW12-55	12	55.0	229	138	228	15.00	C	M5
KW12-65	12	65.0	350	168	179	19.00	D	M5
KW12-100	12	100.0	330	172	235	27.00	C	M6
KW12-120	12	120.0	406	173	236	32.50	C	M8
KW12-150	12	150.0	483	170	240	40.00	C	M8
KW12-200	12	200.0	522	240	245	56.00	A	M8
KW12-250	12	250.0	522	270	245	66.00	A	M8

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

端子位置 : Terminal Position

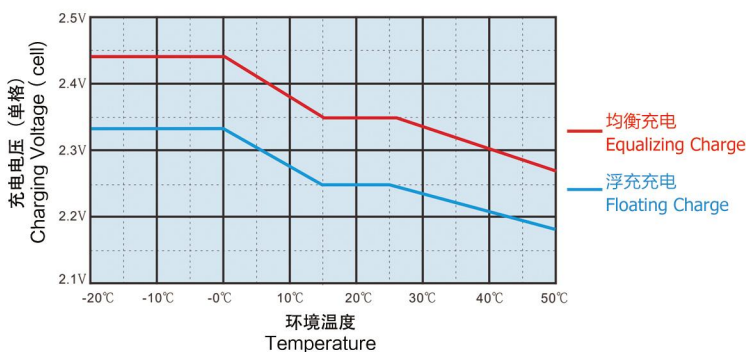


端子样式 : Terminal Type

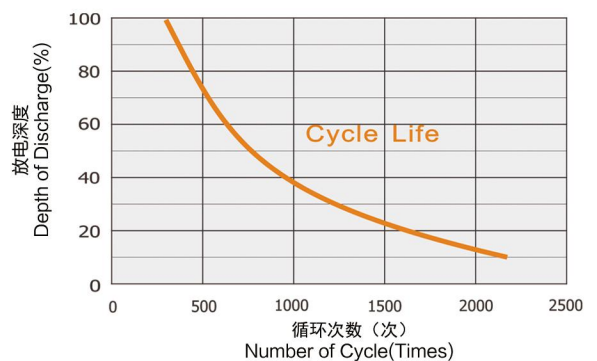


电池曲线图 : Battery Characteristic Graph

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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