

产品简介 : Product Summary

KG 系列产品是阀控式铅酸胶体蓄电池，其具备高能量密度的防漏设计，无论是循环使用还是浮充使用，都具备出色的性能和可靠性；KG 系列具备多种产品容量规格满足客户多样化的需求。并采用了胶体 (Gel) 技术，其内部复合反应效率达 99% 以上，有效降低了电池工作中的失水，是一款低维护铅酸蓄电池产品，电池在使用寿命过程中无需加水维护，减少了维护的难度和费用；胶体 (Gel) 技术的采用有效的提升 KG 系列的深循环性能和过放电恢复能力。

KG series of products are valve-regulated lead-acid gel batteries with high energy density and leak-proof design ensuring their high performance and reliability in both recycling and floating use. It has a variety of product capacity and specifications to satisfy customers' diverse needs. This series adopt colloidal (Gel) technology, and its internal composite reaction efficiency is over 99%, which effectively reduces the water loss in battery operation. It is a kind of maintenance-free lead-acid products, at the same time the use of colloidal (Gel) technology effectively enhances the deep cycle performance and over-discharge recovery capabilities.

产品性能特点 : Product Features

- 标称电压: 2V, 12V;
 - 额定容量: 33Ah~3000Ah;
 - 工作温度范围: -40~60°C;
 - 设计寿命长达 15 年 (2V), 10 年 (12V);
 - 特殊的铅钙多元合金配方, 减小了板栅被腐蚀能力, 延长了使用寿命;
 - 采用气相二氧化硅胶体电解质, 减少水份损失, 无电解液分层, 寿命同比铅酸蓄电池高 20% 以上;
 - 过量电解液, 电池热容量大, 热消散能力强, 不易干涸, 有效减少热失控的风险;
 - 采用特殊的密封结构, 凝胶电解液无渗漏, 使用安全、可靠;
 - 延缓了致密 PbSO₄ 结晶层的形成, 以及其对负极板表面的覆盖, 提高电池低温性能;
 - 采用高纯度的原材料, 自放电小;
 - 执行标准: GB/T 19638.1.2、IEC 60896-21/22、YD/T 1360-2005
- Nominal voltage: 2V, 12V
 - Rated capacity : 33Ah~3000Ah
 - Operating temperature : -40~60°C
 - The design life is 15 years (2V), 10 years (12V)
 - Special design of lead and calcium alloy lessens the corrosion of grid, making the using life longer
 - Nano-gelled electrolyte with fumed silica is used to decrease the loss of water. No layer of liquid is also realized by this. Service life of battery of this design is 20 percent longer than that of the common lead acid battery
 - Plenty electrolyte, larger heat capacity, good ability to dissipate heat, and difficult to dry up. The risk of Thermal Runaway is effectively decreased.
 - Special sealed structure, and no leakage because of the gel electrolyte, So safe and reliable use can be got
 - The happening of compact PbSO₄ crystallizing layer, and its cover on the surface of negative plate is put off. Battery's performance in condition of lower temperature is improved
 - Highpurity raw material low self discharge
 - Standard:GB/T 19638.1.2,IEC 60896-21/22,YD/T 1360-2005

应用领域 : Application

- 太阳能、风能储能系统
 - 信号系统和紧急照明系统
 - 监控系统
 - 通信系统
 - 石油化工系统
 - 发电厂、输变电系统
 - UPS/EPS 电源系统
 - 矿山、传播设备
- Solar and wind enery storage system
 - Signal and emergency lighting system
 - Monitoring system
 - Communication system
 - Petrochemical system
 - Power station system power transmission system
 - UPS and EPS
 - Mine and transmission equipment

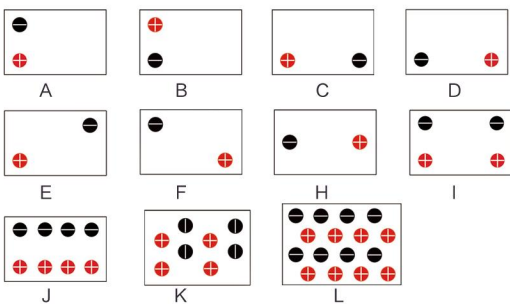


规格型号 : Specification Model

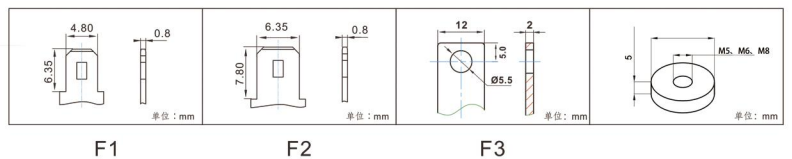
电池型号 Battery Type	额定电压 Rated Voltage V	额定容量 Rated Capacity Ah	尺寸 Dimension			重量 Weight Kg	端子布局 Position	端子类型 Type
			长 Length mm	宽 Width mm	高 Height mm			
KG12-24	12	33	175	166	125	7.20	C	M5
KG12-33	12	33	195	130	163	10.20	C	M5
KG12-38	12	38	196	165	175	11.90	D	M5
KG12-55	12	55	229	138	228	16.80	C	M5
KG12-65	12	65	350	168	179	20.60	D	M5
KG12-75	12	75	260	168	230	22.80	C	M6
KG12-90	12	90	307	169	235	26.50	C	M6
KG12-100	12	100	330	172	235	29.80	C	M6
KG12-120	12	120	406	173	236	35.10	C	M8
KG12-150	12	150	483	170	240	42.10	C	M8
KG12-200	12	200	522	240	245	60.50	A	M8
KG12-250	12	250	522	270	245	70.70	A	M8
KG2-100	2	100	171	72	210	6.60	H	M8
KG2-200	2	200	173	111	367	11.70	H	M8
KG2-300	2	300	171	151	367	17.40	H	M8
KG2-400	2	400	211	176	367	20.50	I	M8
KG2-500	2	500	241	176	364	30.00	I	M8
KG2-600	2	600	301	175	366	38.50	I	M8
KG2-800	2	800	410	176	365	43.00	J	M8
KG2-1000	2	1000	475	175	365	53.50	J	M8
KG2-1500	2	1500	401	351	378	77.50	K	M8
KG2-2000	2	2000	491	351	383	120.50	L	M8
KG2-3000	2	3000	712	353	382	146.50	L	M8

注：更多规格请查询 www.kweight.net 或 www.kweightpower.com

端子位置 : Terminal Position

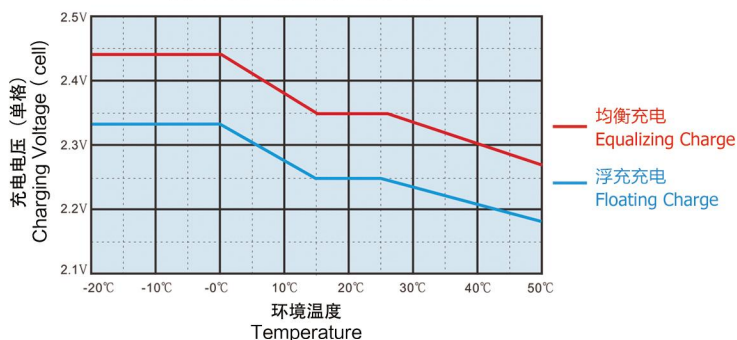


端子样式 : Terminal Type

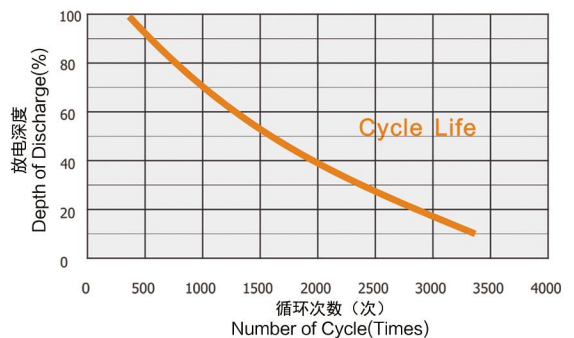


电池曲线图 : Battery Characteristic Graph

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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