



ISO9001 国际质量管理体系认证企业
ISO9001 International Quality Management System Certified Enterprise

产品介绍

CZB5E系列充电机，通过漏磁变压器、可控硅整流技术及微机控制技术有机结合，实现优化Wsa+Pulse充电特性曲线，充电电流随蓄电池充电电压的升高而自动下降；在析气点前及充电末期加入脉冲充电方式，在保证蓄电池电量充足的前提下，最大限度地降低了充电过程中蓄电池内部的温度及析气，有效延长蓄电池组的充放电循环使用寿命，使充电效果更为理想，充电效率更高。产品外观简洁、漂亮，操作简单，充电功能完善，有各种完善的充电保护功能。

Product Introduction

CZB5E Series Intelligent Charger is the organic combination of leakage transformer, technology of Silicon-controlled rectifier and Microcomputer Control. This device could optimize Wsa+Pulse charging characteristic curve. As charge voltage of battery increases, charge current decreases automatically. Pulse charge would be performed before gas emissions or in late stage of recharge. On the premise of guarantee adequate battery power, this device would lower greatly internal temperature and reduce gas emissions of battery, prolong the life of battery effectively and raise the charging efficiency eventually. The whole product has simple structure, convenient operation, complete functions and various of charging protection functions.

- ▶ **CZB5E系列智能充电机：**适用于电动托盘车、电动叉车、电动搬运车、电动升降车、电动游览车等各种电动车辆上的铅酸蓄电池的充电。
- ▶ **CZB5E series Intelligent Charger:** This device would be applicable to recharge of lead-acid batteries which could be used invarious electric vehicle such as power pallet trucks, fork-lift truck, lift truck, electronic tour bus.

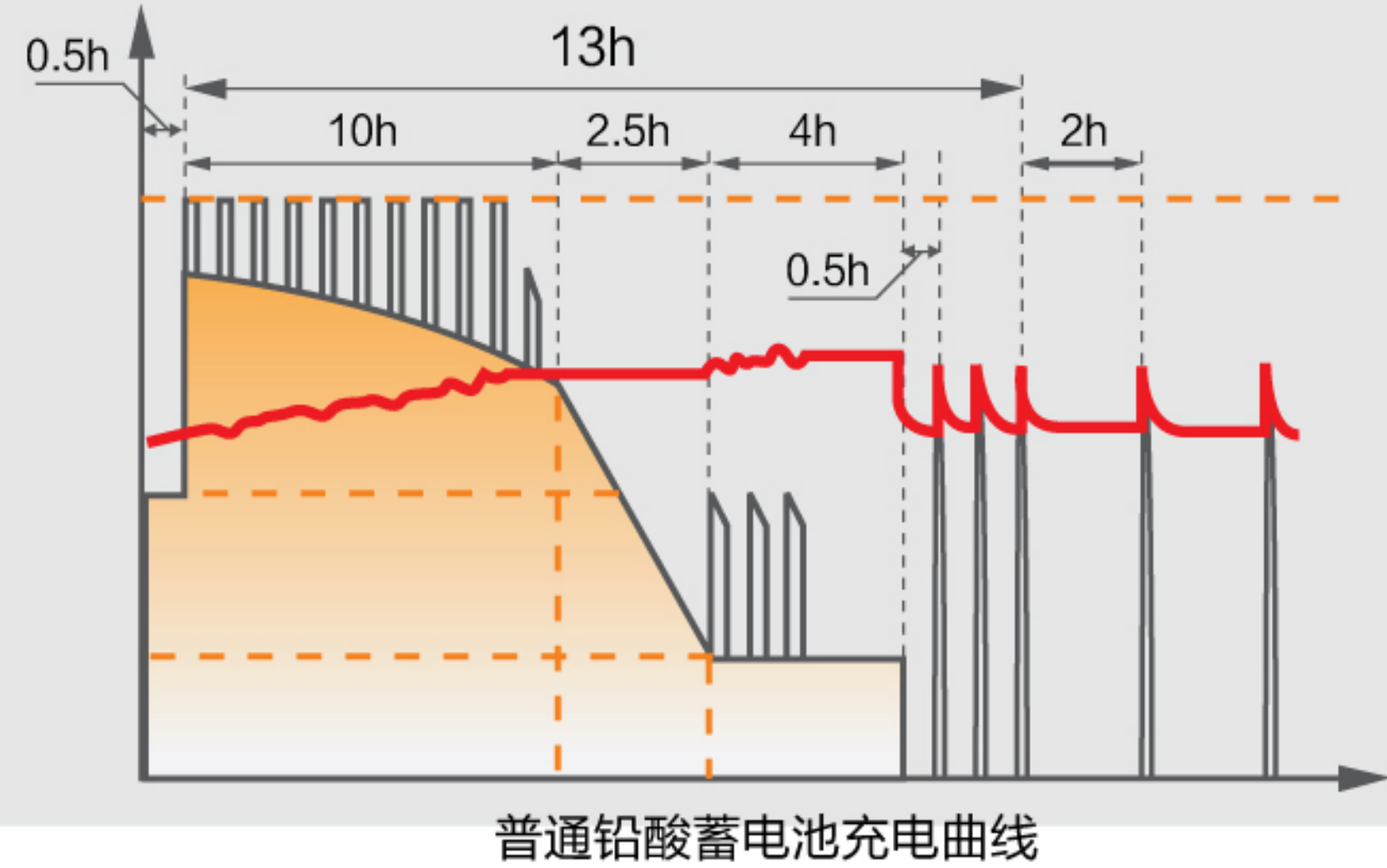
CZB5E
系列智能充电机

CZB5E Series
Intelligent Charger



▶ 产品主要性能：

- 采用电流、电压双闭环PID控制技术，自动控制充电参数；
- 高亮度LED指示灯显示充电电流比例；显示充电机各种充电状态；显示充电机故障状态，简单明了。
- 自动检测、延时启动、软启动功能；具有析气点电压温度补偿功能；
- 开路、接反、过载、短路故障、连接线脱落保护和报警功能；
- 变压器超温、模块超温等故障保护和报警功能；
- 均衡充电功能；全自动初充电功能；



▶ Technical Feature:

- The voltage and current double closed-loop framework is applied in the PID control technology. This device can adjustment of charge parameters automatically.
- High-intensity LED Lamp would indicate running state of this charging unit. Displaying various charging states , and charging faults clearly.
- Functions of automatic detection, delaying and soft-start. Function of temperature compensation. The voltage of tipping point of gas emission would change with the temperature.
- Protection and alarm functions of open circuit, reverse connection, over load and short circuit breakdown. During charging, once the connection cable falls off, this device would shut down automatically.
- Protection and alarm functions of overheat fault of transformer and module.
- Equalization charge could ensure capacity consistency of battery packs. Function of automatic initial charge.

主要技术参数一览表 Main Tech.Data

型号规格 Type (V/A)	输入电源 Main Power (V)	输入功率 Input Power (kVA)	输入电流(AC) Input Current (A)	输出电流(DC) Output Current (A)	匹配蓄电池 Battery parameters		外形尺寸 Size (mm*mm*mm)	净重量 Weight (kg)
					V	Ah (8.5h-11h)		
CZB5E-E24/20	单相220 (两相380 可订制)	0.75	3.4	20	24	115-160	240×350×260	21.0
CZB5E-E24/40		1.5	6.8	40	24	230-320	240×350×260	23.5
CZB5E-E24/65		2.4	11.1	65	24	375-520	280×430×310	32.5
CZB5E-E36/35		2.0	8.9	35	36	200-280	240×350×260	24.5
CZB5E-E48/25		1.9	8.5	25	48	145-200	240×350×260	24.5
CZB5E-E48/45		3.4	15.3	45	48	260-360	466×361×785	42
CZB5E-E48/65		4.9	22.2	65	48	375-520	466×361×785	50
CZB5E-E48/80		6.0	27.3	80	48	465-640	466×361×785	56
CZB5E-E72/30		3.4	15.3	30	72	175-240	280×430×310	35.5
CZB5E-D48/55		4.1	6.3	55	48	320-440	466×361×782	62
CZB5E-D48/65	380	4.9	7.4	65	48	375-520	466×361×782	65
CZB5E-D48/80		6.0	9.1	80	48	465-640	466×361×782	68
CZB5E-D48/100		7.5	11.4	100	48	580-800	526×360×882	86
CZB5E-D48/120		9.0	13.7	120	48	700-960	526×360×882	95
CZB5E-D80/65		8.1	12.3	65	80	375-520	526×360×882	87
CZB5E-D80/70		8.8	13.3	70	80	405-560	526×360×882	87
CZB5E-D80/80		10.0	15.2	80	80	465-640	526×360×882	89
CZB5E-D80/100		12.5	19.0	100	80	580-800	526×360×882	95
CZB5E-D80/120		15.0	22.8	120	80	700-960	526×360×882	107

备注：E系列为单相或2相输入电源供电（AC 1/N/PE、AC 2/PE）；D系列为3相交流输入电源供电(AC 3/PE)。
Remark: E series for single phase or 2 phase ac input power supply; D series for 3 - phase ac - input power supply
特殊规格，特殊设计。For special specification, tailor designed

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We will provide the best service for user both during selling and after-sales. Welcome the customer to choose our products. Please, I inform us the type and specification of battery, we can recommend the most suitable discharger for you.

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