



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

产品介绍

CZB3E系列智能充电机采用优化的Wa特性曲线工作，充电电流随蓄电池的充电电压的升高而自动下降。应用微机控制技术，集电压负增长（-ΔV）、电压上升率（dv/dt）、最高充电容量（AHmax）、最高充足电压（Vmax）、最长充电时间（Hmax）等判别蓄电池充足的方法于一体，保证蓄电池充足——不欠充、不过充；具有充电参数动态跟踪与自动调整以及完善的保护功能。

Product Introduction

CZB3E Intelligent Charger with the optimized Wa curves, the charging current automatically decreases with the rising of battery’ s charged voltage. The application of microprocessor control technology integrates all the judging methods of minus voltage gaining（-ΔV）, voltage rising rate（dv/dt）, maximum charging capacity（AHmax）, maximum charging voltage（Vmax）, maximum charging time（Hmax）to ensure the battery charged sufficiently no under-charging, no over-charging; with the dynamic following of charging parameters and automatic regulation and perfect protection.

- ▶ **CZB3E系列智能充电机：**适用于电动搬运车、电动叉车、电动游览车等各种电动车辆上的铅酸蓄电池。
- ▶ **CZB3E Series Intelligent Charger:** It is applied for charging the lead-acid batteries set on various kinds of electric fork trucks, electric porters, electric tourist cars and other kinds of electric powered cars.

CZB3E
系列智能充电机

CZB3E Series
Intelligent Charger



CZB3E
系列智能充电机

▶ 产品主要性能：

- 集-ΔV、dv/dt、AHmax、Vmax、Hmax等综合性判断蓄电充足的技术于一体。
- 在保证蓄电池点亮充足的前提下，能最大限度的降低充电过程中蓄电池内部的温度及气泡，有效延长蓄电池组的充放点使用循环寿命；
- 高亮度LED指示充电机的运行状态；
- 数码管显示蓄电池电压、充电电流、容量、时间等参数信息；
- 具有开路、接反、过载、短路、超温等的故障保护和报警功能；
- 出现故障显示故障代码；
- 具有自动检测、延时启动、软启动功能；
- 具有手动或自动均衡充电功能，可保证蓄电池组单体容量的一致性；
- 具有全自动初充电功能；
- 充电中途拔掉充电插头充电机自动关机。

▶ Technical Feature:

- Integrating all -ΔV、dv/dt、AHmax、Vmax、Hmax sufficient charging methods as one;
- With the precondition of ensuring battery sufficient charging, it can reduce the battery temperature and bubble during the charging process, thus effectively prolong battery charging and discharging cycle life;
- High brightness LEDs indicating charger’s running state;
- Nixie tubes indicating battery voltage, charging current, capacity, time etc;
- With the protection of open circuit, reverse connecting, over load, short circuit and over temperature and fault warning;
- Displaying fault code when there is fault;
- Auto-checking, time delay start, soft start;
- Balanced charging to ensure the consistency of battery cell capacity;
- Automatic initial charging function.
- During the charging process, drawing out the power plug to cause auto-shutting down.

主要技术参数一览表 Main Tech.Data

型号规格 Type (A / V)	额定输入电源 Rated Input power Supply (V) 50Hz~60Hz	额定充电电流 Rate charging Current (A)	充电输入功率 Charger Input power (KW)	可充蓄电池电压 Chargeable Battery Voltage (V)	可充蓄电池范围 Changed Battery Range (Ah)	外形尺寸 Size (mm)	重量 Weight (Kg)
CZB3E-55A/48V	二相 380V 50 ~ 60Hz	55	4.4	48	360-450	460 × 380 × 780	51
CZB3E-65A/48V		65	5.2	48	430-540		54
CZB3E-80A/48V		80	6.4	48	530-670		60
CZB3E-65A/80V		65	8.7	80	430-540		64

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.

上海施能电器设备厂
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