



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

产品介绍

CZB3F系列智能充电机，是一种先进的智能充电设备。该机采用优化的Wa特性曲线工作，运用微机控制技术，运用智能动态调整充电技术；集-ΔV、dv/dt、AHmax、Vmax、Hmax等综合性判断蓄电池充足的技术于一体；充电渗透到蓄电池的极板内部，使蓄电池完全充足，并且在充电过程中自动保持蓄电池处于微量析气状态，减少电解液和水分的挥发，显著地提高了充电效率和延长蓄电池的使用寿命。产品不但具有功能完善、性能稳定、外形美观、人机界面新颖，而且体积小，重量轻，运用灵活。

Product Introduction

CZB3F series intelligent charger is a kind of advanced intelligent charging equipment. This charger adopts optimized Wa working curve, applying micro-processor technology and intelligent dynamic regulating charging technology, integrating -ΔV、dv/dt、AHmax、Vmax、Hmax into general judging battery’s sufficient charging technology; the charging is infiltrating to inside of polar plate of battery causing sufficient charging and during the charging process, automatically keeps the battery in microscale bubbling to reduce the volatilting of electrolytic and water, obviously raising the charging efficiency and prolonging battery working life. The product has the features of complete functions, stability of function, good looking, new type of man-machine interface, also it has small size, light weight, flexible application .

► 主要用途
适用于电动托盘车、电动搬运车、电动叉车、电动升降车、电动游览车等各种电动车辆上的普通铅酸蓄电池及免维护铅酸蓄电池的充电。

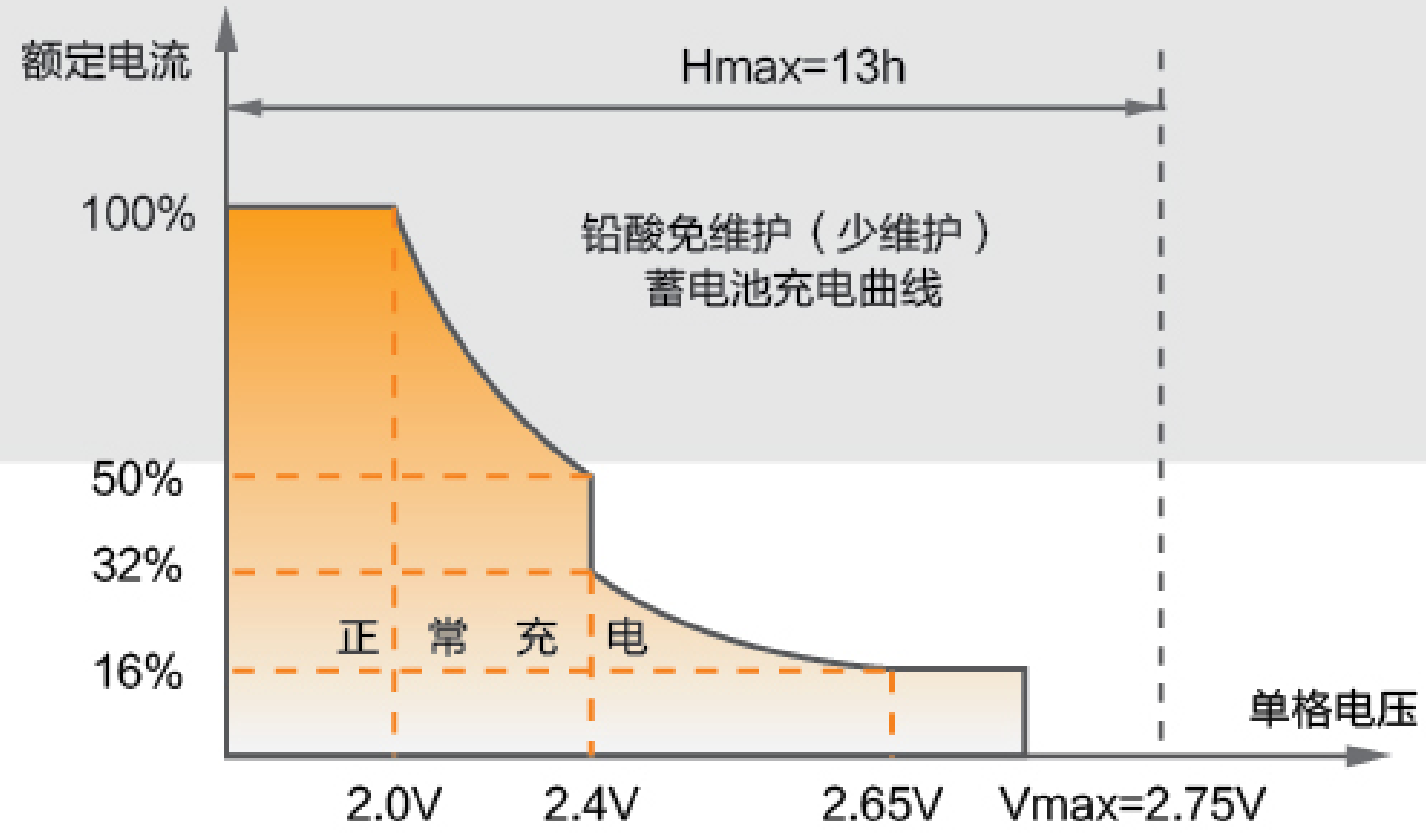
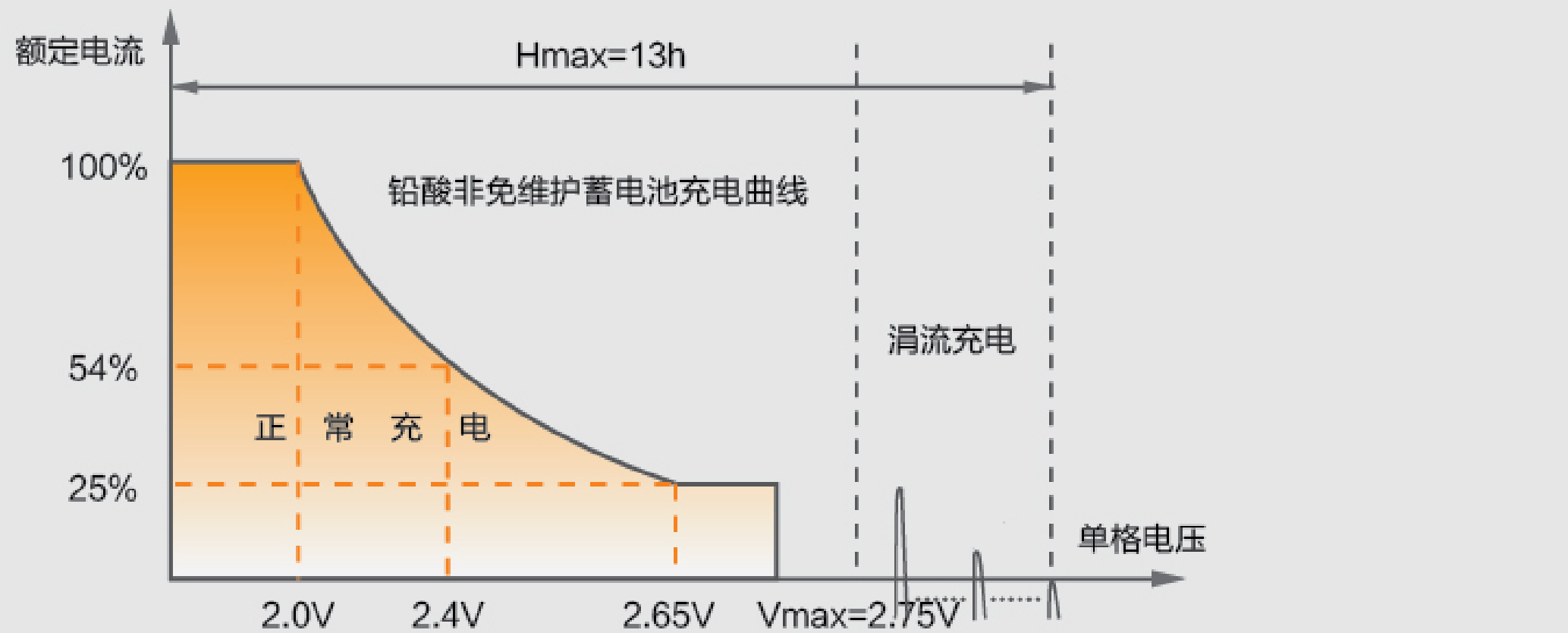
► Main application
It is applying to charging for general/free maintainece lead-acid batteries on various kinds of electric cars such as pallet, mover, fork, lift and tourist car etc.

CZB3F
系列智能充电机

CZB3F Series
Intelligent Charger



- 产品主要性能：
- 适用于非免维护铅酸蓄电池和免维护铅酸蓄电池的充电；
 - 具有自动检测、延时启动、软启动功能；
 - 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、时间、容量及故障代码等信息；
 - 具有涓流充电功能，可靠地保持了蓄电池的充足状态；
 - 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；
 - 具有脱硫充电功能；
 - 具有充电信息记忆功能，可查询充电次数和最后十次的充电信息；
 - 充电中途拔掉充电插头充电机自动关机；
 - 如发生机内过热，自动减小电流充电,待温度正常后自动恢复正常电流充电；
 - 具有开路、接反、过载、短路、超温的故障保护和报警功能。



- Technical Feature:
- Applying to charging for general lead-acid battery and free-maintaince lead-acid battery;
 - Auto-checking, time delay start, soft start;
 - High brightness LEDs indicating charger’s running state;
 - Digital tubes displaying information of battery voltage, charging current, time, capacity and fault code etc.;
 - With trickle charging function, reliably to ensure battery’s sufficient charging;
 - Auto-equalizing charging and manual pre-set equalizing charging to ensure the consistency of battery cell capacity;
 - Automatic initial charging function;
 - With desulfurizing function;
 - With memory function of charging information,to inquire charging times and the whole charging process information of the latest 10 times;
 - Disconnecting of the cable during the charging process, auto-shut down;
 - If there is overheating inside the cabinet, automatically reducing the charging current, after the temerature recovering to normal, automatically to recover to normal charging current;
 - With the protection of open circuit, reverse connecting, over load, short circuit and over temperature and fault warning.

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)
CZB3F-25A/24V	单相 220V 50~60Hz	25	0.9	24	145-200	240 × 350 × 260	21
CZB3F-30A/24V		30	1.1	24	175-240		21
CZB3F-35A/24V		35	1.3	24	205-280		21
CZB3F-40A/24V		40	1.5	24	230-320		23.5
CZB3F-45A/24V		45	1.7	24	260-360		23.5
CZB3F-50A/24V		50	1.9	24	290-400		25.5
CZB3F-55A/24V		55	2.1	24	320-440		25.5
CZB3F-30A/36V		30	1.7	36	175-240		23.5
CZB3F-40A/36V		40	2.3	36	230-320	280 × 430 × 310	24.5
CZB3F-25A/48V		25	1.9	48	145-200		24.5
CZB3F-30A/48V		30	2.3	48	175-240		28
CZB3F-35A/48V		35	2.6	48	205-280		28
CZB3F-25A/72V		25	2.8	72	145-200	420 × 350 × 602	35.5
CZB3F-30A/72V		30	3.4	72	175-240		35.5
CZB3F-65A/24V	二相 380V 50~60Hz	65	2.4	24	375-520		35
CZB3F-45A/48V		45	3.4	48	260-360		41
CZB3F-55A/48V		55	4.1	48	320-440		45
CZB3F-65A/48V		65	4.9	48	375-520		49
CZB3F-80A/48V		80	6.0	48	465-640		55

特殊规格，特殊设计。For special specification, tailor designed

使用施能产品绝无后顾之忧，售前、售中、售后均会为您提供优质的服务。竭诚欢迎广大新老客户惠顾，选型时，只要提供蓄电池的型号规格，我们会为您推荐最合适的机型。
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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