



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

产品介绍

1. CZC7P系列锂电池充电机，采用高频充电机+上位机+CAN总线+锂电池BMS的结构，上位机通过CAN总线连接锂电池与单机电源模块，实时监控锂电池充电状态，控制单机电源模块的充电过程。
同时，通过RS485通讯接口，控制每一个单机充电模块的输出电流，接收充电模块充电过程数据，控制充电过程；上位机同时显示、记录充电过程充电机与蓄电池数据。
2.上位机内置不同类型锂电池的充电控制曲线，根据不同类型锂电池充电要求，灵活设置恒压点电压数值，设置参数不同，可以给不同类型锂电池充电。
上位机通过TFT LCD显示器，用触摸屏设置充电参数，友好的人机界面，方便用户根据要求设置充电参数；

Introduction To Products

1、CZC7P series lithium battery charger uses the structure of high frequency charger, upper computer, CAN bus, lithium battery BMS, the upper computer connects the lithium battery and cell power supply module by CAN bus,and monitors the charging state at real time, controls the charging process of the cell power supply module.
At the same time ,by the interface of RS485,control the output current of each cell charging module, receive the process data from charging module and control the charging process.
The upper displays and records the dates of charger and battery at the same time.

2、The upper computer is built-in different charging curves of lithium batteries, it can be set constant voltage point and parameters flexibly according to different lithium battery charging demands.
The upper computer with TFT LCD display can be set charging parameters by touch screen, The friendly man-machine interface is convenient for users to set charging parameters.

► 本机适用于为使用锂电池作为动力的电动叉车、托盘车、AGV小车等电动车辆的充电。

► This charger applies to electric forklift which drives by lithium batteries, pallet truck AGV car and other electric vehicle' s charging.

CZC7P
系列锂电池充电机

CZC7P SeriesLithium
BatteryCharger



CZC7P-D



CZC7P-E



CZC7P-E

► 主要性能：

- 1.充电采用IUa恒流、恒压充电方式；充电过程参数可以现场设置、修改。
采用充电总时间、恒压时间及恒压末期电流等方法综合判断电池充足。
- 2.实时显示电池电压、充电电流、容量、时间等充电过程数据和运行状态，方便用户实时了解充电机工作状态。
- 3.单机充电电源模块采用高频开关技术和嵌入式微机控制技术有机地结合，自身具有开路、过流、过热、等故障保护功能，单机模块一旦故障自动退出系统运行。
- 4.整机具有软硬件双重OVP保护，具有过流保护；整机具有自动检测、延时启动、软启动、充足后自动关机等功能。
- 5.具有断电后上电自启动功能。

► Main performance

Using IUa constant current、constant voltage charging method. The charging process parameters can be set and adjusted on the scene.
The whole charging time、constant voltage time and constant voltage current at the charging end will all be considered to judge the battery is charged or not.
Display the charging dates such as battery voltage、charging current、volume、time and so on at the real-time, its convenience for users to realize the charging state.
The cell charging power supply module is combined with high frequency technology and embedded microcomputer control technology, it has the protect functions such as open circuit、over current 、overheating protection,the cell module will be quit from the system when encounters a failure
The whole charger has software and hardware over voltage protection,has over current protection, has auto-testing 、delayed start 、soft start 、auto shut down after be charged
Self start function after power off

主要技术参数 Main Technical Parameter

CZC7P 系列锂电池充电机 CZC7P series lithium battery charger							
系列名称 Series name	模块规格 product model (V/A)	模块个数 module numbers	输入功率 input power (KVA)	最大输出电压 max output voltage (V)	充电电流 charging current (A)	外形尺寸 Size (mm)	重量 Woight (Kg)
CZC7P - E30	30/60	1	2.6	30	60	420× 280× 160	15
CZC7P - E30		2	5.1		120	530× 440× 350	25
CZC7P - E60	60/35	1	3	60	35	420× 280× 160	15
CZC7P - E60		2	6		70	530× 440× 350	25
CZC7P - D60		3 ~ 6	9.0 ~ 18.0		105、140、175、210	530× 440× 880	45- 60
CZC7P - E100	100/20	1	2.9	100	20	420× 280× 160	15
CZC7P - E100		2	5.7		40	530× 440× 350	25
CZC7P - D100		3 ~ 6	8.6 ~ 17.1		60、80、100、120	530× 440× 880	45- 60

注:清单中列出了部分常规规格，根据客户要求，特殊规格，可以定制!
Its only list part of product models in the table, We do customized commissioned works to meet Special charging requirements and configurations

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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 informus the type and specification of battery, we can recommend the most suitable discharger for you.

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