



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

YGD锂电池充电机概述

YGD系列智能充电机用高性能嵌入式充电控制单元控制充电电流，通过参数优化设计的主电路模块，为各种锂电池提供连续可调的充电电流，满足各种充电工艺要求。充电控制器内置默认的充电曲线，内置多种 BMS 充电通讯协议。也可以根据用户需要，出厂设置并存储定制的充电曲线，满足定制的充电工艺要求。充电机控制器具有简单、实用的人机界面，在LED显示器上进行充电参数设置，显示充电过程的各种参数、状态，方便用户实时了解充电过程。充电控制器实时监测充电过程中的各种参数，充电机具有完善的保护功能，实时保护充电过程顺利进行。

Product introduction

YGD series intelligent charger uses high-performance embedded charging control unit to control the charging current. The main circuit module designed by parameter optimization provides continuous adjustable charging current for various lithium batteries to meet various charging process requirements. The charging controller has built-in default charging curve and various BMS charging communication protocols. According to the needs of users, the customized charging curve and charging communication protocol can be set and stored in factory settings to meet the customized charging process requirement. The charger controller has a simple and practical man-machine interface. Charging parameters can be set on the LCD touch screen to display various parameters and states of the charging process, which is convenient for users to understand the charging process in real time. The charging controller monitors all kinds of parameters in the charging process in real time, so that the charger has perfect protection function and protects the charging process smoothly in real time.

► 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.

YGD
系列 锂电池充电机

YGD Series
lithium battery charger



► 主要特点：

- 预约时间充电功能：可以设定定时充电，利用峰谷用电进行充电，节省电费。(YGD-E30/100无此功能)
- 设置参数失电保护：对于用户设置的参数，系统可长久记忆，停电也不丢失。
- 数码管显示蓄电池电压、充电电流、容量、时间、充电机工作状态等参数；
- 特殊充电功能：充电中途连接线脱落，充电机自动关机(电池脱落检测)。
- 保护功能：开路、接反、过流、过压、过热、缺相保护等的故障保护功能。

► Description of product features

- Scheduled charging function: You can set a scheduled charging time to charge during peak and valley periods to save electricity costs. (YGD-E30/100 does not have this function)
- Set parameter power failure protection: The system can memorize the parameters set by the user for a long time and will not lose them even if there is a power failure.
- The digital tube displays parameters such as battery voltage, charging current, capacity, time, charger working status, etc.;
- Special charging function: If the connection line falls off during charging, the charger will automatically shut down (battery fall-off detection).
- Protection function: Fault protection functions such as open circuit, reverse connection, overcurrent, overvoltage, overheating, and phase loss protection.

主要技术参数 Main Technical Parameter

项目 Item 规格 Type 参数 Parameter	额定输入电源 Input power supply	额定输入 功率 Rated input power (KVA)	输入 电流 Input current (A)	最大输出 电流 Max output current (A)	最大输出 电压 Max output voltage (V)	净重 Net weight (Kg)	通讯方式 Communi c-ation mode	防护 等级 IP Grade	外形尺寸 weight (mm)
YGD-E30/100	单相 220 50Hz/60Hz	3.3	16	100	30	10	CAN	IP21	452*171*180
YGD-E60/50		3.3	16	50	60	9.5			452*171*180
YGD-E100/35		3.3	16	35	100	9			452*171*180
YGD-D60/100	三相 380 50Hz/60Hz	6.7	10	100	60	21			441*207*550
YGD-D60/200		12.9	20	200	60	32			441*262*600
YGD-D100/100		10.8	16	100	100	24			441*207*620
YGD-D100/200		21.5	33	200	100	32			441*262*600

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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