HEMS150/HEMS200
微网控制器

MICRO-GRID CONTROLLER

HEMS150   HEMS200

10.1 英寸液晶显示屏
10.1-inch LCD

● 简介

基于 Linux 操作系统开发，提供更强大且易于使用的界面，支持PCS、整流器、太阳能模块、风力模块、逆变器模块、DC/DC 模块、柴油机、铅酸／锂电池、液冷／风冷、智能断路器、ATS、交流电能表、直流电能表等管理功能和实时通讯，收集所有通讯子站的数据，对数据采集、处理、分析，控制整个储能系统运行。用于工业园区、数据中心、基站、港口口岸、商场、金融、交通、宾馆、工矿、油田、医疗、学校等领域。

Overview

Based on Linux operation system, it can provide more power-ful, user-friendly and convenient interface, support the man-agement and real-time communication of PCS, rectifier, solar module, wind power module, inverter module, DC/DC module, diesel genset, lead-acid/lithium battery, liquid cool-ing/air cooling, intelligent breaker, ATS, AC energy meter, DC energy meter, collect important data of all communication substations, then control the whole system to operate orderly and reliably through the data acquisition, processing, analy-sis and logical operation of internal program. It can be widely applied for industrial park, data center, communication base station, port, shopping mall, finance, transportation, hotel, industrial and mining area, oil field, medical field, organs, school and other fields.

● 特点

- 设备/电池管理
- 工商业储能削峰填谷
- 储能控制策略（防逆流、需量控制、需求侧响应，负荷跟随，绿电消纳等）
- 故障报警及保护
- 实现电池簇间SOC均衡，修正SOC
- 光伏+储能+油机控制策略，可定制逻辑
- 光伏+储能+充电桩控制策略，可定制逻辑
- 4G/WIFI云平台,程序云端升级
- 监控与管理，三遥功能
- 设备历史数据、电芯历史数据本地存储备份、导出等功能
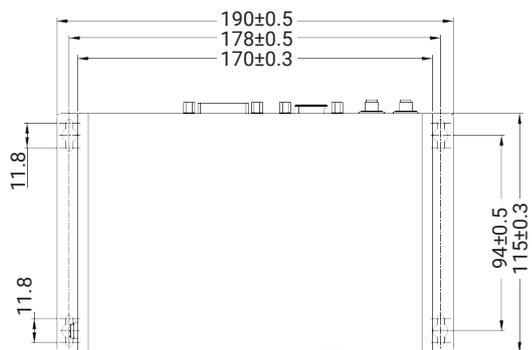- 可选配10.1英寸液晶屏

Features

- Equipment/battery management
- Peak load shifting of commercial and industrial energy storage
- Energy storage control (countercurrent protection, demand control, demand side response, load follow, green power utili-zation, etc.)
- Fault alarm and protection
- Realize SOC balance between battery clusters and SOC correction
- PV + energy storage + diesel genset control and customized logic
- PV + energy storage + charging pile control and customized logic
- 4G/WIFI cloud platform supporting remote program upgrade
- Monitoring and management, "three remote" (remote con-trol, remote measurement, remote communication) function is fitted
- Local storage, backup, export functions of historical data of equipment, cell
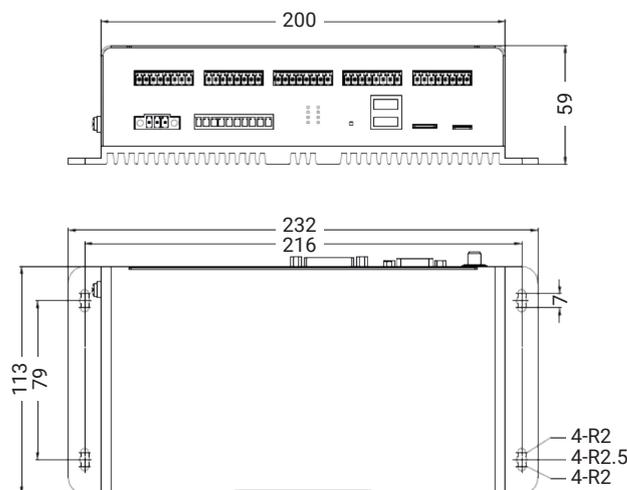- 10.1-inch LCD is optional

SmartGen
EST.1998

供电和功率 Power	工作电压：DC(12~24)V 整机功耗：HEMS150<9W 　　　　　HEMS200<12W 液晶显示屏：DC12V/24V	Working Voltage：DC(12~24)V Overall Power Consumption：HEMS150<9W 　　　　　　　　　　　　　HEMS200<12W LCD：DC12V/24V
DI/DO端口 DI/DO Port	DO输出接口：HEMS150 12路，HEMS200 8路 DI输入接口：HEMS150 8路，HEMS200 18路	DO Output Port：HEMS150 12-way，HEMS200 8-way DI Input Port：HEMS150 8-way, HEMS200 18-way
通信 Communication	CAN接口：HEMS150 2路，HEMS200 3路，隔离 RS485接口：HEMS150 6路，HEMS200 8路，隔离 RS232接口：HEMS150 2路，HEMS200 3路 USB接口：2路 ETHERNET：HEMS150 2路，HEMS200 4路	CAN Interface：HEMS150 2-way, HEMS200 3-way, isolation RS485 Interface：HEMS150 6-way, HEMS200 8-way, isolation RS232 Interface：HEMS150 2-way, HEMS200 3-way USB Interface：2-way ETHERNET：HEMS150 2-way, HEMS200 4-way
环境 Environment	工作温度：(-40~+60)℃ 工作湿度：(5~95)%RH	Working Temperature：(-40~+60)℃ Working Humidity：(5~95)%RH
结构 Structure	外形尺寸： HEMS150：190 × 115 × 52.4mm HEMS200：232 × 113 × 59mm	Overall Dimensions： HEMS150：190 × 115 × 52.4mm HEMS200：232 × 113 × 59mm

● 尺寸 Dimensions

单位(Unit)：mm

HEMS150

HEMS200