

# HMU8N-EMS/ HMU15N-EMS 微网控制器

## MICRO-GRID CONTROLLER



HMU8N-EMS 显示屏  
Display Screen



HMU15N-EMS 显示屏  
Display Screen

### ● 简介

用于太阳能，风能，储能电池，氢燃料电池，市电和柴油发电机组组成的混合能源系统，读取并显示各能源数据及状态，控制各能源之间的功率分配等，并可自定义控制策略，支持多种控制模式。

### ● 特点

- 光伏逆变器，储能变流器，电池BMS通信协议可自定义
- 可连接电量扩展模块，发电机组控制器，低压配电控制器，通信协议可自定义
- 内置PLC，可以做逻辑编程，运行模式，调度方法更改
- 以太网接口可实现上级监控中心数据监控
- 实时参量及报警信息
- 实时时钟显示，具有操作历史及报警记录功能，并支持导出
- 具有多级调光

### Overview

It is used for hybrid energy system which consists of solar energy, wind energy, energy storage battery, hydrogen fuel cell, mains supply and diesel genset. It can read and display the data and status of various energy, control the power distribution of each energy source, customize the control policy and support multiple control modes.

### Features

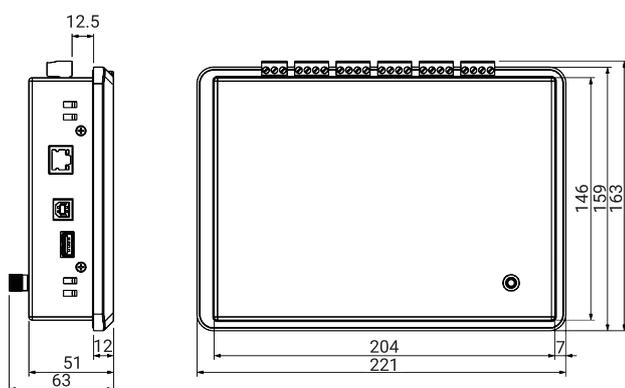
- Customized communication protocols for PV inverter, energy storage converter and BMS
- Customized communication protocols when connecting to power expansion module, genset controller and low voltage distribution controller
- The logic programming, modification for operation mode and scheduling method is available by the built-in PLC
- The data monitoring of the upper-level monitoring center can be realized via Ethernet port
- Real-time display parameters and alarm information
- Real-time clock display, operation history and alarm records functions, which can be exported
- With multi-level brightness adjustment



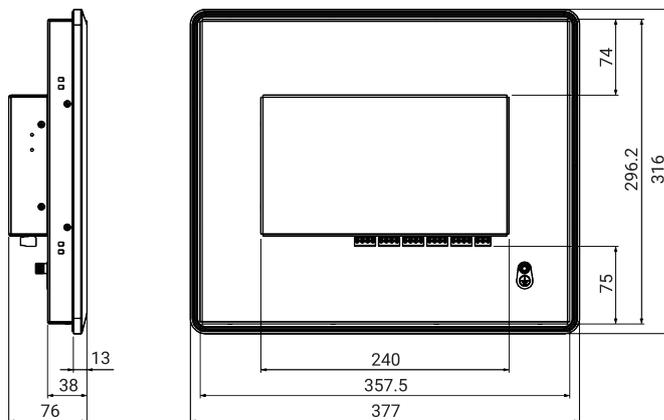
<p><b>供电功耗</b> Power Consumption</p>	<p>工作电压: DC(12~24)V 整机功耗: HMU8N-EMS&lt;7W HMU15N-EMS&lt;15W</p>	<p>Operating Voltage: DC(12~24)V Power Consumption: HMU8N-EMS&lt;7W HMU15N-EMS&lt;15W</p>
<p><b>分辨率</b> Resolution</p>	<p>HMU8N-EMS: 800 × 600 8英寸液晶显示 HMU15N-EMS: 1024 × 768 15英寸液晶显示</p>	<p>HMU8N-EMS: 800 × 600 8-inch LCD display HMU15N-EMS: 1024 × 768 15-inch LCD display</p>
<p><b>通信</b> Communication Ports</p>	<p>CAN接口: 1路, 隔离 RS485接口: 4路, 隔离 USB接口: 2路 ETHERNET: 1路</p>	<p>CAN Port: 1-way, isolated RS485 Ports: 4-way, isolated USB Port: 2-way ETHERNET: 1-way</p>
<p><b>结构</b> Structure</p>	<p>外形尺寸: HMU8N-EMS: 221 × 163 × 51mm HMU15N-EMS: 377 × 316 × 76mm 开孔尺寸: HMU8N-EMS: 205 × 147mm HMU15N-EMS: 359.5 × 298.2mm</p>	<p>Overall Dimensions: HMU8N-EMS: 221 × 163 × 51mm HMU15N-EMS: 377 × 316 × 76mm Panel Cutout: HMU8N-EMS: 205 × 147mm HMU15N-EMS: 359.5 × 298.2mm</p>
<p><b>环境</b> Environment</p>	<p>工作温度: (-25~+70)°C 工作湿度: (20~95)% RH 贮存温度: (-30~+80)°C</p>	<p>Working Temperature: (-25~+70)°C Working Humidity: (20~95)% RH Storage Temperature: (-30~+80)°C</p>
<p><b>标准和认证</b> Standards &amp; Certificates</p>	<p>振动: (5~8)Hz: 位移±7.5mm (8~500)Hz: 加速度2g IEC 60068-2-6 碰撞: 20g<sub>n</sub>, 16ms, 半正弦 IEC 60255-21-2 冲击: 50g<sub>n</sub>, 11ms, 半正弦 IEC 60068-2-27</p>	<p>Vibration: (5~8)Hz: displacement=±7.5mm (8~500)Hz: a=2g (IEC 60068-2-6) Bump: 20g<sub>n</sub>, 16ms, half-sine (IEC 60255-21-2) Shock: 50g<sub>n</sub>, 11ms, half-sine (IEC 60068-2-27)</p>

● 尺寸 Dimensions

单位(Unit): mm



HMU8N-EMS



HMU15N-EMS