产品参数表 Product Specification

SPM-Main & SPM-4Relay
智能堆叠式电表/Smart Stackable Power Meter

SPM-Main   SPM-4Relay
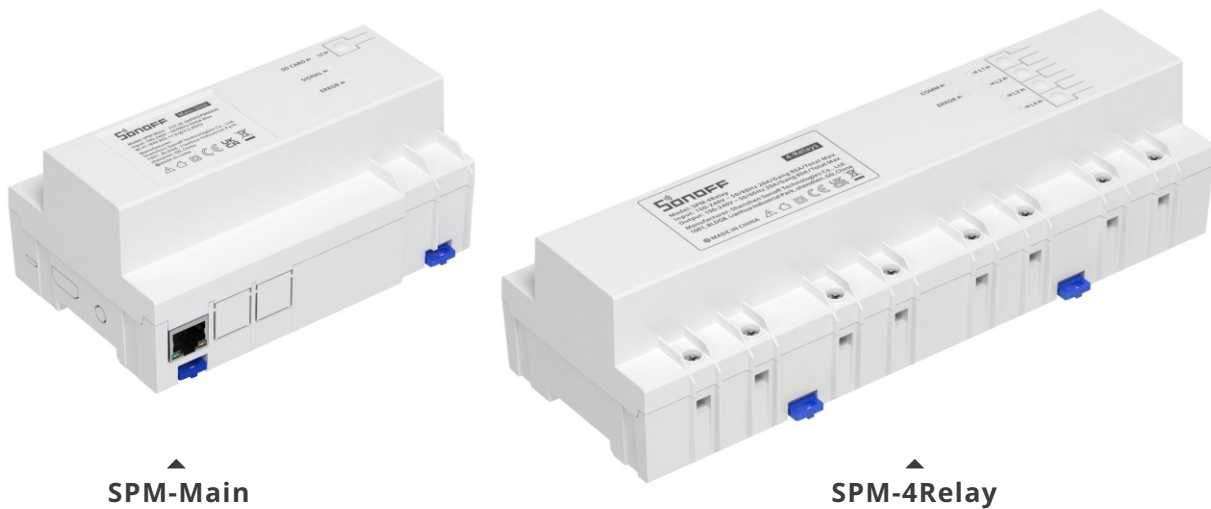
基本信息 Basic Information

产品系列 Product series	DIY改装件 DIY smart switch
产品类型 Type	堆叠式电表 Stackable Power Meter
工作电压 Voltage	100-240V AC 50/60Hz
最大电流 (SPM-Main) Max. Current (SPM-Main)	50mA
最大负载 (SPM-4Relay) Max. Load (SPM-4Relay)	20A/通道 20A/Gang
通道数量 (SPM-4Relay) Number of gangs (SPM-4Relay)	4
Micro SD 卡 (SPM-Main) Micro SD card (SPM-Main)	支持 (8GB-32GB) Support (8GB-32GB)
以太网 (SPM-Main) Ethernet (SPM-Main)	支持 Support
SPM-Main与SPM-4Relay通讯信号 Communication Protocol of SPM-Main and SPM-4Relay	RS-485
MCU	SPM-Main: ESP32+GD32F SPM-4Relay: GD32F
产品认证 Certification	CE/UKCA/FCC/ROHS

外观信息 Appearance

产品颜色 Color	白色 White
尺寸规格 Dimension	SPM-Main: 142.5x90x66.5mm SPM-4Relay: 250x90x66.5mm
产品净重 Weight	SPM-Main: 214g SPM-4Relay: 584g
外壳材质 Casing material	PC V0

功能特性 Features

功能特点 Functions	SPM-Main 和 SPM-4Relay 分别为智能堆叠式电表的主机和从机，两者需配套使用。通过主机配网，配网成功后，可在"易微联"App端对其所添加的从机进行控制。 SPM-Main and SPM-4Relay are the main unit and slave unit of Smart Stackable Power Meter, and both are designed to work together. You can control the added slave unit in the main unit with the eWeLink App. SPM-Main: 本地电量统计/局域网功能/支持以太网/支持 Micro SD 卡 Local Power Monitoring/LAN Control/Ethernet Connection/Support Micro SD Card SPM-4Relay: 远程控制/电量统计/智能定时/过载保护/设备定位 Remote Control/Power Monitoring/Schedule/Over-load Protection/Find Me
每1台主机最多支持从机数量 Supported Quantity of Slave Units Per Main Unit	32
App 支持系统 App operating systems	Android & iOS

无线标准 Wireless standard

Wi-Fi	IEEE 802.11 b/g/n 2.4GHz(2400M - 2483.5M)
天线 Antenna	内置板载天线 PCB board with antenna
安全机制 Security mode	WPA/WPA2
加密类型 Encryption type	WEP/TKIP/AES

使用环境 Working Enviroment

适用场所 Applicable place	室内使用 Indoor
工作温度 Working temperature	–10°C ~ 40°C
工作湿度 Working humidity	5%-95% RH, 无冷凝 5%-95% RH, non-condensing
工作海拔 Working height	2000米以下 Less than 2000m

安装信息 Installation

设备安装 Installation method	支持轨道安装 DIN rail tray installation
接线方式 Wiring way	零火 N and L
电源接线线径 Wiring diameter of power supply	1.5mm²~20mm²
RS-485接线线径 Wiring diameter of RS-485 communication wire	≥0.2mm² (最大1.5mm²) ≥0.2mm² (Max. 1.5mm²)
RS-485通信线材 RS-485 communication wire	两芯屏蔽双绞线(RVVSP) 2-core RVVSP
主机连接从机总接线长度 Wire length for units connection	不超过100米 Less than 100m