Smart Energy Management System
HYX-iEMS

Version 1.0-202610
Design and specifications are subject to change without notice.



Stable & Reliable
- Dual-Channel Data Communication Architecture, Millisecond-Level Command Response
- Automatic Recovery of Abnormal Data to Ensure Data Integrity

Simple & Easy
- Built-In WEB Interface Supporting Local Debugging and Remote Access
- Customizable Formulas for Management Strategies for High Flexibility

Full-scope & Versatile
- Integrated Monitoring for PV、ESS、EV Charger、Diesel Systems for Efficient O&M
- Intelligent Power Control Supporting Peak Shaving

Smart & Flexible
- Supports Parallel Operation of up to 16 Units
- South-Bound Protocols Plug-And-Play: Modbus, CAN, IEC 60870-5-104

Technical Specifications
HYX-iEMS

Product Model	HYX-iEMS
Communication Parameters	
WAN	WAN ×1, 10/100/1000 Mbps
LAN	LAN ×1, 10/100 /1000 Mbps
4G	YES
Wi-Fi	YES
Electrical	
DC Power Supply	12Vdc, 1A
Display	
Web	YES
USB	USB 3.0 × 2
RST	RST × 1
VGA	VGA × 1
AUDIO	AUDIO × 1
HDMI	HDMI × 1

Technical Specifications

HYX-iEMS

Product Model	HYX-iEMS
General Data	
Operating Temperature Range	-20 to +60℃
Relative Humidity (Non-Condensing)	5 ~ 95%RH
Protection Degree	IP20
Max. Operating Altitude	4000m
Dimensions (W × H × D)	255 × 40 × 133mm
Weight	1.8kg
Installation Options	Wall mounting, DIN rail mounting