ECU Cabinet

KM-ECU-30

Flexible Networking

- Industrial-grade large database, second-level storage and core-level data diagnosis and analysis
- Compatible with mainstream operating systems, supporting cross-platform rapid network deployment
- Support Ethernet, RS485, WIFI and other communication modes

Optimised Scheduling

- AI linear planning, particle swarm algorithm automatically generates the optimal charging and discharging curve
- Real-time energy monitoring and data collection, support for abnormal detection and early warning
- Intelligent scheduling strategy, support for equipment co-control and linkage management

Easy O&M

- IP65 protection, wall-mounted installation, space-saving and easy to operate
- Supports one-key upgrade of station equipment, reducing customer service manpower investment
- Graphical interface, intuitive operation, saving daily maintenance costs



Technical Specification

Items	KM-ECU-30
Number of Access Units	≤10
Communication parameters	
ESS LAN interface	10 independent 100M network ports
RS485 interface	4
Northbound LAN interface	2 independent 100M network ports
Wireless communications	WIFI
Power supply	
DC power supply	24Vdc±10%, 1A
AC power supply	195-264Vac, 0.1A
Working environment	
Working environment temperature	-35~55°C
Storage environment temperature	-40~70°C
Relative humidity	0~100% (no-condensing)
System parameter	
Dimensions (W×H×D)	550×350×250mm
Weights	23kg
Display	WEB
Installation	wall-mounted
Inlet method	bottom in and bottom out
Anti-corrsion grade	C3 (C5 optional)
Protection class	IP65
Function	
Basic functions	Human-machine interactive interface, intelligent alarm, data report, power analysis, revenue statistics, equipment management, system management
Side-end control	Peak and valley arbitrage, demand management, anti-reverse flow, SOC equalisation, SOC backup, power allocation

- Specification indexes may be subject to changes without further notice.