



iDERMS RTU

**AI POWERED
INTEGRATED DER MANAGEMENT SYSTEM**



- ① High Security & Reliability
- ② Granular Data Acquisition
- ③ High Compatibility
- ④ Self Data Recovery & Protection
- ⑤ Remote Configuration
- ⑥ Automated Calibration
- ⑦ Edge Computing

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GENERAL DESCRIPTION

Type	Energy Data Gateway (RTU)
Gathering Target	Inverter / Meter etc.
Number of Devices	~40
Transmission Interval	1 ~15 minute
Communication	Wire / Wireless Connectivity
Dimension	150 x 110 x 39 mm

ELECTRICAL SPECIFICATION

AC Power Supply	100V~240V, 50Hz / 60Hz
DC Power Supply	5V
Operation Temperature	0°C ~ 50°C (Recommended)
Power Consumption	~ 3W

COMMUNICATION

Connectivity	Front-haul	Serial, Ethernet
	Back-haul	Wi-Fi (802.11 a/g/n/ac), Ethernet
	Serial	RS485 x2
Port Interface	Ethernet	RJ45 (~100Mbps) x1
	Wi-Fi	Antenna
Protocol		Modbus TCP, DNP3, HTTP(S), MQTT, DLMS/COSEM, SNMP, proprietary inverter protocols

MAIN FEATURE

Interaction	LED Indication
Data Backup	1 month
Firmware upgrade	FOTA / USB
Security	SSL / PSK, Device Sealing
Warranty	1 year