



4G PV Stick Logger

Wireless Monitoring & Communication for Multiple Inverters.
Reliable 4G Connectivity | Plug & Play | Remote Monitoring

Key Features:

- High-speed LTE Cat 1 bis connectivity
- Support of LTE FDD Band 1 / 3 / 5 / 8 and LTE TDD Band 34 / 38 / 39 / 40 / 41
- Support of manufacturer specific inverter protocols and Modbus RTU
- Support of MQTT, TCP, UDP, HTTP and HTTPS communication protocols
- Secure data communication with SSL/TLS and device authentication
- Protection against reverse polarity and over voltage
- Automatic network reconnection and data recovery for uninterrupted communication
- Reliable cloud connectivity for remote monitoring and data transmission
- Designed for stable communication in continuous solar PV operation

TECHNICAL SPECIFICATIONS

Parameter	Specification
Type Designation	INV4G
Cellular Communication	LTE Cat 1 bis
Inverter Communication	RS485
Inverter Connector	GX16 Aviation Connector
Inverter Protocol	Manufacturer-specific; Modbus RTU optional
Cloud Protocols	MQTT / TCP / UDP / HTTP / HTTPS
Input Voltage	5-37 VDC
Power Consumption	Low-power industrial design
Electrical Protection	Reverse Polarity / Over-Voltage Protection
Data Buffering	Local buffering with automatic synchronization
Remote Management	Configuration / Parameter Changes / Diagnostics / Remote Reboot
Firmware Update	FOTA
LED Indicators	Power / Network / Data
Operating Temperature	-20°C to +70°C*
Storage Temperature	-40°C to +85°C*
Relative Humidity	Up to 95% RH, non-condensing
Installation / Mounting	Plug-and-play / External Stick Logger

*Typical industrial operating limits. Final values depend on production configuration.



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