DIN-Rail Logger

By collecting operating status and power generation of inverter, meter and other devices, DIN-Rail logger can run a long-term and efficient monitoring of PV system.

Logger can connect to multiple devices via RS485/RS422/RS232 and other interfaces. Meanwhile, remote monitoring cloud platform (SOLARMAN Portal) provides powerful data support for the logger. Logger sends the data to the monitoring platform via WiFi/Ethernet/G-PRS. The real-time status and historical data can be displayed with graphs, enabling intuitive and clear understanding of PV system.

Standard DIN-Rail Mount

Suitable for 35mm DIN-Rail mount;

Data Resuming

Ensure data integrity;

Remote Upgrade

Remote upgrade and system debugging, easy for O&M;

Alert Notification

Real-time alerts with timely notification, ensuring fast troubleshoot;

Timely alert report, helping users understand risks and problems about their plants in time;

Review data via APP/Web at anytime and anywhere;

Pair with DIN-rail power supply device, achieving power-off reminder function.

Logger+Meter+More Devices

Product Model	LD4G-2	LDG-2	LDW-1
Remote Communication Interface	4G	GPRS	WiFi
Working Frequency	LTE-FDD, LTE-TDD, WCDMA TD-SCDMA, CDMA, GSM	GSM850/EGSM900/ DCS1800/PCS1900MHz	2.142GHz~2.484GHz
No. of Connections	1-16	1-16	1-10
Ethernet	-	-	10/100M (Adaptive Network)
Working Voltage	DC 4.7-15V	DC 4.7-15V	DC 4.7-15V
Working Power	3.8W	3W	1W
Local Communication	RS485/RS422/RS232		
Serial Communication Rate	1200—115200bps Configurable		
Data Acquisition Interval	Default: 5 mins (1-15 mins Configurable)		
Memory	2M Flash (512K-16M Optional)		
User Configuration	AT+Instruction Set, Remote Server	AT+Instruction Set, Remote Server (BT3.0+EDR Configuration&Access)	AT+Instruction Set, Remote Server
SIM Card	MicroSIM	Chip Card/MicroSIM	-
Antenna	GPRS Small Antenna (Sucker Antenna Optional)		
Working Temperature	-40℃~+85℃ (Battery Version: -20℃～+60℃)	-40℃~+85℃ (Battery Version: -20℃～+60℃)	-40℃~+85℃
Working Humidity	＜90% (No Condensation)		
Dimension	91mm×76mm×18mm		
Installation Method	35mm DIN-Rail		

DIN-Rail Power Supply Device

DIN-Rail power supply device is used to provide DC 5V input for DIN-Rail logger or other equipment at site. According to real situation, it would turn AC 85-265V or DC 24V power input to DC 5V as output. In addition, an embedded capacitor will power DIN-Rail logger for another 20s in case of power outage, enabling data logger to send out a warning alert.

Wide Voltage Design
AC Voltage Input Range: AC 85V-265V
DC Voltage Input Range: DC 5V-24V

High Power Output
Support DC 5V, 2000mA output

Power-off Reminder
Equipped with an embedded capacitor, easy for O&M

Easy Installation
Standard 35mm DIN-Rail mount

DIN-Rail Power Supply Device (Capacitive)		
	Input Voltage	AC 85～265V/DC 5～24V
	Output Current&Voltage	DC 5V, 2000mA
	Indicator Lights	AC IN: AC Power Input
		DC IN: DC Power Input
Hardware Parameters	Working Temperature	'-40℃～+75℃
	Storage Temperature	'-45℃～+90℃
	Dimension	91mm×76mm×18mm
	Installation Method	DIN-Rail