Pro
Logger

GPRS / WIFI / 4G / ETHERNET

SOLARMAN pro logger can be used to monitor various types of devices, including inverter, combiner box, weather station, meter, etc. It is a DIN-rail/wall mounted logger specially designed for industrialized PV projects.

This product supports customization of different levels. It perfectly adapts to different kinds of distributed PV projects. It simplifies the work of operation, maintenance and reduce monitoring costs at the same time.

- Multi-interfaces: RS485, RS232, RS422, CAN; supports connection of P1 meter;

- Support magnetic latching relay controlling 250VAC/16A circuit externally;

- Standard accessory: 8GB TF card; supports 20-year storage; data in Solarman platform will be saved permanently;

- Support multi-channel digital/analog input interface; support grid dispatching, sensor and multi-scenarios;

- SOLARMAN Pro version supports intelligent plant management.

- Dual SIM chips, supporting on-grid project that requires private network power supply;

- Support static page configuration or upgrade, local/remote multi-mode monitoring;

- Support importing data and error history via USB;

- Embedded super capacitor supports power-off reminder; Simplify plant O&M significantly;

Product Model		LP-1	LP-2
Wireless Parameters	Remote Communication 1	GPRS	4G
	Frequency	GSM850/EGSM900/ DCS1800/PCS1900MHz	LTE-FDD/LTE-TDD/WCDMA/ TD-SCDMA/CDMA/GSM
	Remote Communication 2	GPRS / 4G	
	Remote Communication 3	-	WiFi
	Antenna	Sucker Antenna	
Hardware Parameters	Ethernet	Adaptive Network: 10/100M	
	Input Voltage	DC 15V~60V	
	Working Power	＜10W	
	Output Voltage	DC 12V 500mA	
	Indicator Light	LED x4	
	Memory	128MByte NAND FLASH	
		8GB TF Card(Optional)	8GB TF Card (Standard)
	Analog / Digital input	Analog Input x6 / Digital Input x6	Analog Input x4 / Digital Input x4
	Digital Output	16A 250VAC Magnetic Latching Relay Output x2	
	USB	Mini USB x1	USB x1
	S0 in	NA	2
	Clock	Chip Internal Clock	
	RS 485	4	4
	RS 232	1	1
	CAN	1	1
	P1	-	1
	Power off Reminder	x	√
	Operating Temperature	-20℃ ~ +60℃	
	Operating Humidity	10-95% (No Condensing)	
	Dimension	240*118*49mm	
	IP Grade	IP20	
	Installation Method	35mm Din-Rail Mount	
Software Parameters	No. of Connections	1-100	
	Data Acquisition Interval	Default: 5mins (1-15 mins Configurable)	
	User Configuration	AT+Instruction Set, Remote Server	
	Firmware Upgrade	SMS / Remote / Local	
	Others	Real-time Control, Data Resuming Transfer	