SOFAR SOLAR

Dream Energy
Enschede - The Netherlands

SOLARMAN
Monitored. Analyzed. Networked.

Pro
Logger

GPRS / WIFI / 4G / ETHERNET

▶ 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 ;

Datasheet	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	
Wroking 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	