Stick
Logger

SOLARMAN stick logger supports GPRS, WIFI, 4G, Ethernet, NB-IoT and other communication modes. It supports RS485, RS232, TTL and other serial communications. With the design of multi-cover, it adapts to a vast majority of inverters. Its bluetooth function enables local debugging configuration to collect operation and power generation data from inverters. It pairs with SOLARMAN professional platform to enable remote PV system monitoring and to realize distributed power station management with lower cost and higher efficiency. Furthermore, its extended functions (e.g. GPS, power-off reminder) enables a easy inquiry for field fault and a better APN configuration, which increases the success rate of WiFi configuration and lower plant O&M cost.

- External light indicator, logging status at a glance;
- Plug and play, pick power within inverter, no external power needed , easy to install;
- Independent from inverter to protect parts inside inverter, eliminate potential problems;
- IP65 water-proof design, resistant to bad weather, enhance stability;
- External design, easier to replace faulty equipment;
- End-user can monitor yields at any time with SOLARMAN APP.

Product Model	LSG-3	LSG-4	LSW-3	LS4G-3	LSE-3
Remote Communication Interface	GPRS	GPRS	WiFi	4G	LAN
Working Frequency	GSM850/EGSM900 /DCS1800/PCS 1900MHz	GSM850/EGSM900 /DCS1800/PCS 1900MHz	2.142GHz~ 2.484GHz	704MHZ-960MHZ 1710MHZ-2690MHZ	Adaptive Network; 10M/100M
Satellite Positioning	-	GPS/Beidou＜15m	-	-	-
Antenna	External GPRS Stick Antenna	External GPRS Stick Antenna	External WiFi Stick Antenna	External 4G Stick Antenna	-
Data Interface	RS485/RS232/TTL				
Working Voltage	DC4.7V ~DC15V				
Working Power	3W	3W	1.5W	5W	1W
SIM Card	Chip Card/MicroSIM	Chip Card/MicroSIM	-	MicroSIM	-
Memory	2M Flash (2M-16M Optional)				
Working Temperature	-40℃~+85℃				
Working Humidity	＜ 90% (No Condensing)				
No. of Connections	One				
Serial Communication Rate	bps （1200-115200bps Configurable）				
Data Acquisition Interval	Default 5min (1-15min Configurable)				
User Configuration	AT+Instruction Set Remote server				
	Bluetooth	APP / Web		Local Serial Port	Web
Firmware Upgrade	Remote Upgrade				
Others	Real-time Control, Data resuming				