



Inverter Logger

GPRS/WIFI&Ethernet

- ▶ Realtime alerts with immediate notification for fast troubleshooting
- ▶ Quick installation and easy operation with "Plug & Play" function
- ▶ Suitable for rural areas where no network connection is available (GPRS Version)
- ▶ High network coverage around the world
- ▶ Devices could be upgraded and debugged remotely for easy maintenance
- ▶ Check the system status anytime and anywhere via online portal or app, no additional software required

Global Data Service

SOFAR SOLAR provides global data service for users around the world. For project sites in rural areas or where no Internet is available, inverter logger ensures stable data transmission to remote server via mobile network, enabling remote monitoring at anytime and anywhere.



- ◆ Data plans for different users



- ◆ Wide network coverage for most countries



- ◆ Pay as you go service & online top up

Datasheet	LIG-1	LIW-1
General Parameters		
No. of Connections	Basic Version: 1-4 Advanced Version: 1-10	Basic Version: 1-4 Advanced Version: 1-10
Inverter Communication Interface	One-way RS485/422	
Remote Communication Interface	GSM	WiFi(802.11b/g/n)/Ethernet
Serial Communication Rate	1200-57600bps(Configurable)	1200-19200bps(Configurable)
Working Frequency	850/900/1800/1900MHz	2.4GHz
Communication Range	-	400m (Open Space)
Transmitting Power	2W(Max.)/1W(Min.)	802.11b/g/n: +20dBm/+18dBm/15dBm(Max.)
Data Collection Interval	Default: 5 mins (1-15 mins Configurable)	
Parameter Setting	Serial Port AT Instruction	Web Server/Serial Port AT Instruction
Data Access	RS485/422, Remote Server	Serial Port/WiFi Point to Point/Remote Server
Status	LED x4	
Electrical Parameters		
Input Voltage	DC 5V(+/-5%)	DC 5V
Static Power Consumption	<2W	<1.6W
Max. Instantaneous Power Consumption	3W	<2.5W
Environmental Parameters		
Working Temperature	-25°C~+65°C	-10°C~+65°C
Working Humidity	10-90% (No Condensation)	
Storage Temperature	-25°C~+65°C	-10°C~+65°C
Storage Humidity	<40%	
Protection Class	IP21	
Physical Parameters		
Dimension(L*W*H)	110mm*80mm*24mm	110mm*80mm*26mm
Others		
Installation	Wall-Hanging/Flatwise	110mm*80mm*26mm