

# LS4G-6C-D

## Stick Logger

LS4G-6C-D is a cost-effective IoT product specially designed for solar industry. It can connect to single inverter, battery or other devices via various interface and transmit the collected data to the remote/local monitoring platform via 4G. Furthermore, it realizes the functions such as data collection and reporting, configuration deployment, firmware upgrade, real-time control and etc.



## I Applicable Scenarios

Suitable for residential and small/medium-sized C&I solar plant in China and India

- Implement real-time monitoring and management of new energy device
- Realize device local/remote upgrade
- Analyze and optimize production data to achieve refined O&M
- Timely fault location and troubleshooting

## I Features



### Easy to use

- Upload data and fault information in seconds
- Support local/remote debugging and diagnosis with or without network
- OneQR debugging and acceptance



### High Compatibility

- Compatible to multiple inverter interfaces
- Embedded twin model, enabling quick customization and adaptation



### Reliable&Stable

- IP66 water-resistant
- Support breakpoint resuming



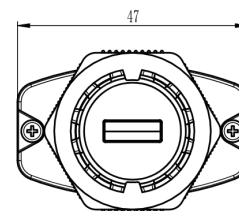
### Excellent Performance

- Customized external antenna to enhance 4G signal quality
- Upgrade Bluetooth configuration to enhance connection stability
- Support IV curve fault diagnosis and recording

# I Product Parameter

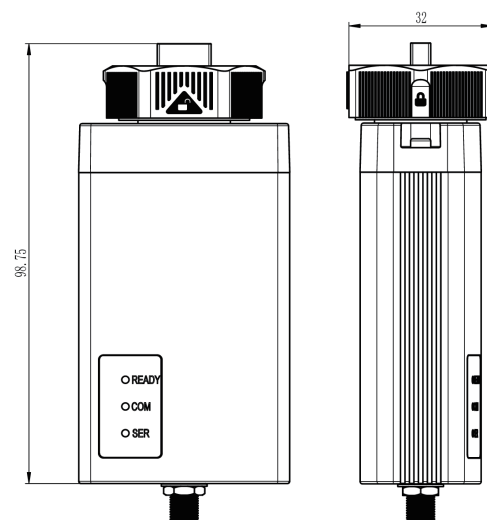
## Communication Parameter

Remote Communication	4G CAT1
4G Working Frequency	FDD-LTE:B1,B3,B5,B8 TDD-LTE:B34,B38,B39,B40,B41
4G Transmitting Power	LTE:+23dBm ±2dBm
Bluetooth Standard	BLE5.2
Bluetooth Frequency Range	2.402GHz-2.480GHz
Bluetooth Transmitting Power	1± 4dBm



## Hardware Parameter

External Interface	USB2.0, Aeronautical head (Big/Small), USB3.0, DB9
Data Interface	USB, RS485, RS232, TTL
Data Storage	8MB
SIM Card	Chip card/Plug-in card
Antenna	4G external antenna
Working Voltage	DC 5-12V (±5%)
Max. Working Power	3.5W
Indicator Light	One shows stick logger running status One shows communication status with inverter One shows communication status with server
Working Temperature	-30°C~+70°C
Working Humidity	10%-90%, no condensation
Storage Temperature	-45°C~+90°C
Storage Humidity	<40%, no condensation



Unit: mm, Accuracy: ±2%

## Software Parameter

No. of Connections	One
Serial Communication Rate	Default: 9600bps(1200-115200bps optional)
Data Transmission Interval	Default: 5 mins
User Configuration	Remote server/APP configuration
Firmware Upgrade	Local/Remote upgrade
Real-time Control	✓
Breakpoint Resume	✓

## IGEN Tech Co., Ltd.

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