



ShineLimit is composed of ShineLanBox (calculation & control), ShineRFStick-wireless transmission unit and SP-CT(measurement). Also, it is possessed of stylish exterior, providing a simple and reliable solution to realize zero export for PV system.

Features

Simple

- ▶ Easily installation
- ▶ Automatic IP addressing
- ▶ Plug-and-play

Reliable

- ▶ Max. communication range of 200m
- ▶ Data archiving for 40 days even the internet outage

Smart

- ▶ Monitoring of up 8 inverters via Rf433
- ▶ Both Android and IOS UI are available
- ▶ The feed-in power threshold can be set ranging from 0 to 100%

GROWATT NEW ENERGY TECHNOLOGY Co.,LTD

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Datasheet

ShineLimit

Communication interface

RF433/RS485

Yes/Opt

Max. Communication range

RF433(in free-field conditions)

Up to 200 m

RF433(two walls blocking)

20 m

RS485

1000 m

Power supply

AC power supply input voltage

196V~250V

AC power supply input frequency

50/60Hz

Power consumption

<2W standby, <5W peak

Current measurement

Measurement range

Max.90A

Accuracy

3%

General specifications

Dimensions(L/H/W)

105mm/85mm/26mm

Weight

< 1KG

Mounting options

Tabletop/wall-mount

Degree of protection

IP30

Status display

LED

Ambient temperature range

-25 to 60 °C

Humidity

0-95% (non condensing)

Features

Programmable dry contact

Opt

Graphical user interface

Android/IOS APP

Remote firmware upgrades

Yes

Max. number of devices to monitor

8(RF433), 32(RS485)

Number of inverter to support zero export

1

The feed-in power threshold range

0~100%

Warranty

5years

Certificates and Approvals

CE