

Technical Parameters:

General Parameters

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|-----------------------------------|------------|---------------------|-------------|
| Dimension (L*W*H) | 96*75*33mm | Max. current | 500mA (5V) |
| Weight | 90g | Input voltage range | DC5V-DC28V |
| Number of connected solar devices | 1 pc | Storage temperature | -40°C~+90°C |

| | | | |
|-------------------|------------------------------|----------------------------|--|
| Parameter setting | Web Server/APP/Remote server | Application layer protocol | Modbus-RTU |
| Firmware update | Remote Web server | Connecting function | Mobile APP connecting, monitoring, parameter configuration |

| | | | |
|------------------|----------------------------------|-----------------------|-----------------------------|
| Indicator light | Red (normal) Green (abnormal) | Operating temperature | -30°C~+85°C |
| Protection level | IP65 | Installation | Fixed on device with screws |
| Factory reset | Yes | Interface | DB9 /USB (optional) |
| Warranty | 2 years | Certificates | CE RoHS |

Communication Parameters

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|-------------------------------|----------------------------|-------------------------------|--|
| Local communication interface | RS-485 / RS 232 (OPTIONAL) | Wi-Fi working frequency | 2.412GHz-2.484GHz |
| Remote communication | WiFi | Wi-Fi communication protocol | IEEE 802.11b/g/n |
| Baud rate | 9600bps | Wi-Fi Max. transfer rate | 72Mbps |
| Data collecting frequency | 1.5s | WiFi communication range | 100m in outdoor area without obstruction |
| Wi-Fi antenna gain | 2.5dBi | Wi-Fi Max. transmitting power | 18.5dbm(70mW) |
| Antenna | Built-in | | |

Other Parameters

| | | | |
|-----|---|------------------------|------------|
| WDT | Software watch dog + hardware watch dog | Network layer protocol | Modbus-TCP |
|-----|---|------------------------|------------|