

Integ R Series

The Power Reader



LAN Module

- Indicator lights & buttons

*Press for 1~5 seconds to restart the module

**Press for more than 5 seconds to reload the module

Hardware parameter

| | |
|----------------------------|------------------|
| Communication distance | >100m |
| Data transmission Interval | 1min(variable) |
| Data access | Cloud server |
| Working voltage | DC 5V |
| Working current | 130 (160 Peak)mA |
| Display | LED |

Application parameter

| | |
|--------------------------------|---------------------|
| Inverter communication | Modbus RTU (RS 485) |
| Server communication | Modbus TCP |
| Remote communication | IEEE802.3/802.3u |
| Serial port communication rate | 115200 bps |
| Configuration | Web |
| Ethernet interface speed | 10/100 MB/s |

General parameter

| | |
|-----------------------|---|
| Dimensions | 123mm*51mm*35mm |
| Weight | 89.5g |
| Operating temperature | -30~+75°C |
| Operating humidity | 0%-90% relative humidity, no condensation |
| Storage temperature | -40~+85°C |
| Storage humidity | < 40% |
| Protection degree | IP65(with Inverter) |
| Warranty | 2 years |

Integ R Series



The Power Reader



WiFi Module

Indicator lights & buttons

*Press for 1~5 seconds to restart the module

**Press for more than 5 seconds to reload the module

Hardware parameter

| | |
|------------------------|-----------------------|
| Communication distance | 20m(Open Environment) |
| Data intervals | 1min(variable) |
| Data access | Cloud server |
| Working voltage | DC 5V |
| Working current | 80 (130 Peak)mA |
| Display | LED |

Application parameter

| | |
|--------------------------------|--|
| Inverter communication | Modbus RTU (RS 485) |
| Server communication | Modbus TCP |
| Remote communication | IEEE802.11 b/g/n |
| Serial port communication rate | 115200 bps |
| Configuration | Web |
| Wireless transmit power | 802.11b: +16 +/-2dBm (@11Mbps)、802.11g: +14 +/-2dBm (@54Mbps)、 802.11n: +13 +/-2dBm (@HT20, MCS7) |
| Wireless reception sensitivity | 802.11b: -87 dBm (@11Mbps ,CCK)、802.11g: -73 dBm (@54Mbps, OFDM)、 802.11n: -71 dBm (@HT20, MCS7) |
| Wireless operating frequency | 2.412-2.484 (GHz) |

General parameter

| | |
|-----------------------|---|
| Dimensions | 101mm*51mm*35mm |
| Weight | 51.7g |
| Operating temperature | -30~+75°C |
| Operating humidity | 0%-90% relative humidity, no condensation |
| Storage temperature | -40~+85°C |
| Storage humidity | < 40% |
| Protection degree | IP65(with Inverter) |
| Warranty | 2 years |