

# 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