

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