

# Wi-Fi Module

DATA

## General Data

Dimensions(Length/Width/Height)	135mm/79mm/29mm
Weight	63g
Software language	English, Chinese

## Wireless Parameters

Certification	FCC/CE
Wireless type	Wi-Fi
Wireless standard	802.11 b/g/n
Frequency range	2.412GHz ~ 2.484GHz
Antenna gain	2.5 dBi

## Hardware Parameters

Data interface	UART: 9600bps Ethernet: 100Mbps
Operating voltage	9V(+/-5%)
Operating current	100mA ~ 300mA
Operating temperature	-25°C ~ +55°C
Storage temperature	-40°C ~ +125°C

## Software Parameters

Security mechanisms	WEP/WPA-PSK/WPA2-PSK/WAPI
Encryption	WEP64/WEP128/TKIP/AES
WLAN default IP	192.168.10.100

## Application Parameters

Supported servers	Shine Station, Shine Server
Inverter communication	RS232(Modbus RTU protocol)
Server communication	Wi-Fi via router(Modbus TCP protocol)
Supported routers	Wireless router(Include 3G router)
User configuration interface	Integrated web server(Internet browser)
Max.communication range	100m
Data transfer interval	5 Minutes
Default server URL	server.growatt.com