

# Growatt Shine WiFi-F

- Cable free, easy installation
- 50 meters long range, wide coverage
- Build-in storage, 1 month data
- Online monitoring and maintenance



P O W E R  
- I N G O  
T O M O -  
R R O W O

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[www.ginverter.com](http://www.ginverter.com)

General Data

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

Wireless Parameters

Wireless type	WiFi
Wireless standard	802.11 b/g/n
Transmit power	802.11b: +20dBm(Max.); 802.11g: +18dBm(Max.); 802.11n: +15dBm(Max.)
Receiver sensitivity	802.11b: -89dBm(Max.); 802.11g: -81dBm(Max.); 802.11n: -71dBm(Max.)

Hardware Parameters

Data Interface	UART: 9600bps; Ethernet: 100Mbps
Operating Voltage	5V (+/-15%)
Operating Current	1A
Operating Temperature	-20°C~+65°C
Storage Temperature	-40°C~+70°C
Network Type	AP (Access Point); station mode (with soft AP)
Security Mechanisms	WEP / WPA-PSK / WPA2-PSK
Encryption	WEP64 / WEP128 / TKIP / AES

Application on Parameters

Supported servers	ShineServer
Inverter communication	USB A-type
Sever Communication	WiFi via router (Modbus TCP protocol)
Supported Routers	Wireless router (Include 3G router)
User Configuration Interface	Wireless web server (Internet Browser)
Max. Communication Range	100m
Data Transfer Interval	5 minutes
Default Server URL	server-cn.growatt.com