

# Growatt ShineWiFi-F

- Cable free, easy for installation
- Communication distance up to 50m
- Built-in memory for up to one month of data
- Online monitoring and maintenance



**GROWATT**

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

Datasheet		ShineWiFi-F
General Data		
Dimensions(L/W/H)		135/79/29mm
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: -81 dBm(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
Server 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 transmission interval		5 minutes
Default Server URL		server.growtht.com