

# 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



P O W E R  
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**GROWATT**

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

| 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.);<br>802.11g: +18dBm(Max.);<br>802.11n: +15dBm(Max.) |
| Receiver sensitivity         | 802.11b: -89dBm(Max.);<br>802.11g: -81dBm(Max.);<br>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 transmission interval   | 5 minutes                                                                 |
| Default Server URL           | server.growatt.com                                                        |