

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



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| 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: -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 |
| 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.growatt.com |