

# 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
<b>General data</b>		
Dimensions (L/W/H)	135/79/29mm	
Weight	63g	
Manual language	English, Chinese	
<b>Wireless parameters</b>		
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.)	
<b>Hardware parameters</b>		
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	
<b>Application on parameters</b>		
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	