

ShineWiFi-F Pro

- 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 Pro
General data		
Dimensions (L/W/H)	122/47/32mm	
Weight	60g	
Manual language	English, Chinese	
Wireless parameters		
Wireless type	WiFi	
Wireless standard	BLE: 5.0 WiFi: 802.11 b/g/n	
Transmit power	802.11b: 18±2 dBm (@11Mbps) 802.11g: 16±2 dBm (@54Mbps) 802.11n: 15±2 dBm (@HT20) 802.11n: 15±2 dBm (@HT40) BLE: 0±2 dBm (@1Mbps)	
Receiver sensitivity	CCK, 1 Mbps : -96±2dBm CCK, 11 Mbps: -88±2dBm 6 Mbps (1/2 BPSK): -92±2dBm 54 Mbps (3/4 64-QAM): -75±2dBm HT20 (MCS7): -73±2dBm HT40 (MCS7): -70±2dBm BLE:-96±2dBm (@1M,30.8%PER)	
Hardware parameters		
Data interface	USB	
Operating voltage	5V (±5%)	
Operating power consumption	2.5W	
Operating temperature	-30°C~+65°C	
Storage temperature	-40°C~+70°C	
Protection Degree	IP 20	
Application on parameters		
Supported servers	ShineServer	
Inverter communication	Modbus RTU	
Sever communication	Modbus TCP	
Supported network	2.4G WiFi, Bluetooth 5	
User configuration interface	APP configuration	
Data transmission interval	5minutes (1-15 minutes to customize)	
Default server URL	server.growatt.com	