

ShineWiFi-X2

- Online monitoring and maintenance
- Integrated with WLAN and Bluetooth modules
- Built-in memory for up to one month of data
- Local configuration and firmware upgrade function



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P O W E R
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T O M O R R O W

Datasheet	ShineWiFi-X2
Wireless parameters	
Wireless standard	WiFi:802.11b/g/n BLE:4.2
Wireless frequency range	2.4GHz
Transmit power	802.11b:19.5±2 dBm (@11Mbps) 802.11g:14±2 dBm (@54Mbps) 802.11n:18±2 dBm (@HT20, MCS0) 802.11n:13±2 dBm (@HT20, MCS7) BLE:0±2 dBm (@1Mbps)
Receiver sensitivity	CCK, 1 Mbps:-97±2dBm CCK, 11 Mbps:-88±2dBm 6 Mbps (1/2 BPSK):-92±2dBm 54 Mbps (3/4 64-QAM):-75dBm±2dBm HT20(MCS0):-92±2dBm Ht40 (MCS7):-72±2dBm Ht40 (MCS0):-89±2dBm Ht40 (MCS7):-69±2dBm BLE: -93±2dBm (@1M,30.8%PER)
Theoretical communication distance	WiFi:50m (empty space without obstruction)
Hardware parameters	
Interface	USB
Nominal voltage	5V(+/-5%)
Typical power consumption	2.5W
Display	LED
Working temperature	-30°C ~ +65°C
Storage temperature	-40°C ~ +70°C
Protection grade	IP65
Application parameters	
Supported servers	ShineServer
Inverter communication	Modbus RTU
Server communication	MQTT
Supported networks	2.4GHz WiFi, Bluetooth 4.2
User configuration interface	APP configuration
Data transmission interval	5 Min
General data	
Dimensions (W/H/D)	48/119/32mm
Weight	73g
CE, UKCA, RoHS, SAA	