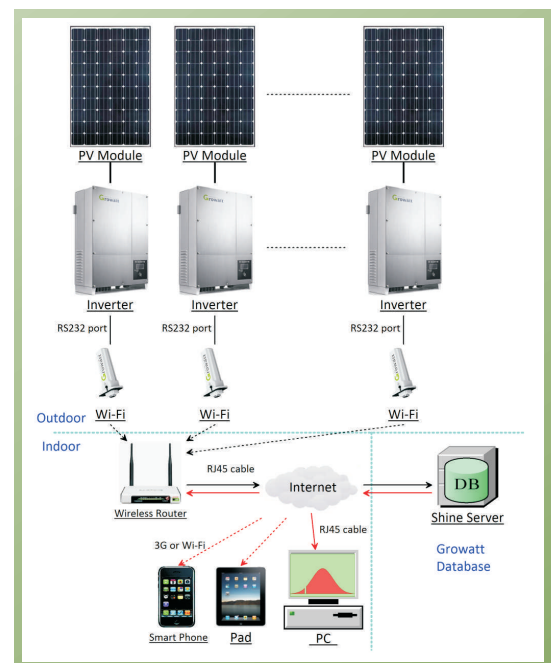




Newly recommended for house-owners

- ▶ Easy to use
- ▶ Plug-and-play commissioning
- ▶ 100-meter wireless connection to inverter
- ▶ Remote firmware updating for inverter
- ▶ Free online monitoring via Shine Server
- ▶ Built-in memory and clock unit ,support local data storage and transmission



GROWATT NEW ENERGY TECHNOLOGY Co.,LTD

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Datasheet

ShineWiFi

General Data

Dimensions(Length/Width/Height)	135/79/29 mm
Weight	66g
Software language	English, Chinese
Language of the manual	English, Chinese

Wireless Parameters

Certification	FCC/CE
Wireless type	WiFi
Wireless standard	802.11 b/g/n
Frequency range	2.412GHz ~ 2.484GHz
Antenna gain	3 dBi
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	9V(+/-15%)
Operating current	100mA ~ 300mA
Operating temperature	-25°C ~ +55°C
Storage temperature	-30°C ~ +60°C
Network type	AP(Access Point) Mode; Station Mode(with Soft AP)

Software Parameters

Security mechanisms	WEP/WPA-PSK/WPA2-PSK/WAPI
Encryption	WEP64/WEP128/TKIP/AES

Application Parameters

Supported servers	ShineServer
Inverter communication	RS232(Modbus RTU protocol)
Server communication	WiFi via router(Modbus TCP protocol)
Supported routers	Wireless router(Include 3G router)
Data transfer interval	5 Minutes
Default server URL	server.growatt.com

Others

Warranty	1 year
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