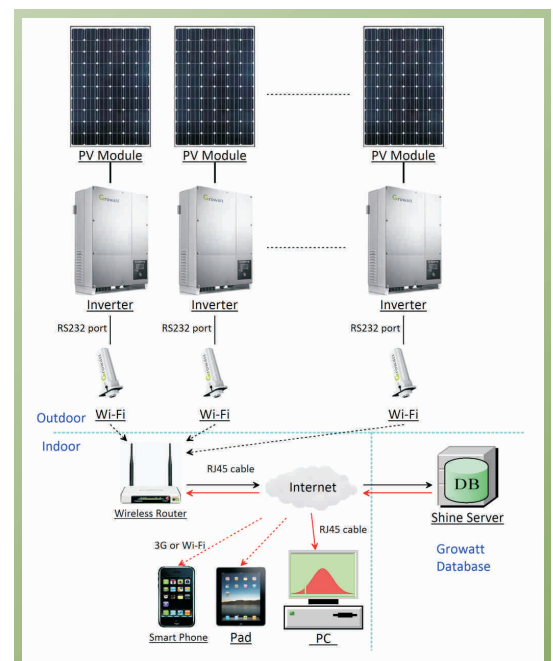




Newly recommended for house-owners

- ▶ Easy to use
- ▶ Plug-and-play commissioning
- ▶ 100-meter wireless connection to inverter
- ▶ Remote firmware updating for inverter
- ▶ Free online monitoring via Shine Server



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Datasheet	ShineWiFi
General Data	
Dimensions(Length/Width/Height)	135/79/29 mm
Weight	63g
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	2.5 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℃ ~ +55℃
Storage temperature	-30℃ ~ +60℃
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
WLAN default IP	192.168.10.100
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)
User configuration interface	Integrated web server(Internet browser)
Max.communication range	100m
Data transfer interval	5 Minutes
Default server URL	server.growatt.com
Others	
Warranty	1 year