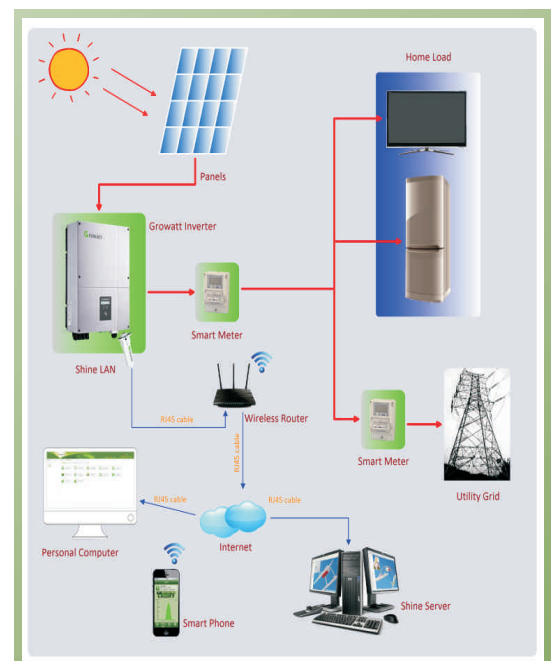


ShineLan



Newly recommended for house-owners

- ▶ Easy to use
- ▶ Plug-and-play commissioning
- ▶ Direct data exchange with Router via Rj45
- ▶ Remote firmware updating for inverter
- ▶ Free online monitoring via Shine Server



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ShineLan

General Data

Dimensions(Length/Width/Height)	144/80/38 mm
Weight	100g
Software language	English, Chinese
Language of the manual	English, Chinese
Certification	FCC/CE

Wireless Parameters

Wireless type	WiFi
Wireless standard	802.11 b/g/n
Frequency range	2.412GHz ~ 2.484GHz
Antenna gain	2.5 dBi
Security mechanisms	WEP/WPA-PSK/WPA2-PSK/WAPI
Encryption	WEP64/WEP128/TKIP/AES

Wired Parameters

Data speed of UART	9600bps
Data speed of Ethernet	100Mbps
Type of interface	RS-232、RJ-45
Indicator lamp	LED for status of network / LED for status of data transmission

Hardware Parameters

Operating voltage	9V(+/-20%)
Operating current	100mA ~ 300mA
Operating temperature	-25°C ~ +55°C
Storage temperature	-30°C ~ +60°C

Software Parameters

WLAN default IP	192.168.10.100
Supported servers	ShineServer
Auto switch between wired and wireless	Support
Ways of firmware update	Integrated web server/Remote FTP Server

Application Parameters

Inverter communication	RS232(Modbus RTU protocol)
Server communication	RJ-45 via router(Modbus TCP protocol)
Supported routers	Common router (Include wired router, wireless router and 3G router)
User configuration interface	Integrated web server(Internet browser)
Max.communication range	100m by direct interconnection, far in successive steps
Data transfer interval	5 Minutes (default)
Default server URL	server.growatt.com