

# Growatt GPRS-F

- Plug-and-play, easy use, cable-free
- Suitable for rural area Remote inverter firmware upgrading
- Cloud server for data storage
- Web browser or mobile APP viewing



P O W E R  
- I N G O  
T O M O -  
R R O W O



## General Data

Dimensions(Length/Width/Height)	135/79/29 mm
Weight	70g
Language	English, Chinese

## Wireless Parameters

Wireless Type	GPRS
GSM/GPRS/EDGE Frequency Range	850/900/1800/1900 MHz
Antenna Gain	3dbi
Max. Output Power: GSM850/GSM900	2W; DCS1800/PCS1900: 1W
Speed	Max. 85.6Kbps(DL); Max 42.8Kbps(UL)

## Hardware Parameters

Serial port speed	9600bps
Operating voltage	5V(+/-15%)
Operating current	1A
Operating temperature	-30°C ... +65°C
Storage temperature	-40°C ... +70°C

## Application Parameters

Servers	ShineServer
Communication with inverter	USB A-type
Communication with server	TCP(Modbus TCP protocol)
Network supported	2G GSM(GPRS)
Configuration interface	APP
SIM type	regular SIM card
Uploading interval	5 Mins(1-15 adjustable)
Default server IP	server-cn.growatt.com