



COMMUNICATION MODULE

The Wi-Fi module is an internal data logger in Chint Power Systems' photovoltaic monitoring series.

When connected to the inverter via the RS232/RS485 interface (DB9 port), the Wi-Fi module can collect information from the inverter's photovoltaic systems. With its built-in Wi-Fi functionality, the Wi-Fi module can connect to a router and transmit data to a web server, enabling remote monitoring for users. Users can check the device's operating status by observing the three LEDs on the module. They can also update the inverter's firmware and adjust parameters via the web portal or CPS app, which are connected to the Wi-Fi module.

It supports remote operation and maintenance functions, including remote updates and parameter configuration.

Compatible with quick and easy direct connection setup via the app.

Plug-and-play, quick installation.

Communication Module

DG-WF-FEB

Model Name	DG-WF-FEB
Device Interface	
Number of compatible devices	1 (DB9)
Protocol	RD232
Bluetooth Interface	
Type	BLE 4.2
Class	2
Antenna	Built-in
Wireless Interface	
WLAN Standards	802.11 b/g/n
Frequency Band	2.4 GHz
Wireless Security	WEP, WPA/WPA2
Antenna	Built-in
Modbus TCP	
Mode	Server (slave)
Maximum number of client connections	1
Power parameters	
Input voltage	5 to 24 Vdc
Power consumption	1 W, 2.5 W max
Environmental Limits	
Operating temperature	-20 °C to 60 °C, natural convection
Storage temperature	-40 to 85 °C
Relative ambient humidity	5 to 85% (non-condensing)
Physical characteristics	
Case	Plastic
IP Rating	IP65
Dimensions	85 mm/70 mm/32 mm
Weight	110 grams
Compliance	
RoHS	IEC 62321, (EU) 2015/863
CE-EMC	EN 55032 / 55035, EN 61000-3-2/-3-3
CE-RED	EN 301 908 / 300 328, EN 301 489-1/-17/-52, EN 62368-1
CE-LVD	EN 62368-1
FCC	SDoC Part 15B, ID Part 15C