



» PV Accessories























√ Grid-Connected Inverter Catalog Off-Grid Solutions Catalog

UPS Catalog Telecom Power Supply Catalog Customized Product Catalog

WiFi Plug/GPRS Plug

Technical data

Model	WiFi Plug	
Communication		
Inverter communication	RS232	
Remote communication	WiFi (802.11 b/g/n)	
Max. supporting number of inverter	1pc	
Communication rate (bps)	9600	
WiFi communication range	100m in outdoor open area without obstruction;	
	Net work coverage area	
Data collection intervals (min)	5 (default)/1~15 (Optional)	
Firmware updates	Wireless	
Data access	WiFi point-to-point/remote server	
Preferences setting	Web server	
Powersource	Powered by RS232 port on inverter	
Environmental		
Operating temperature (°C)	-25~+60	
Storage temperature (°C)	-40~+80	
Protection class	IP65	
General		
Certificates	FCC\CE\C-tick	
Dimension (W*D*H mm)	80*85*22	

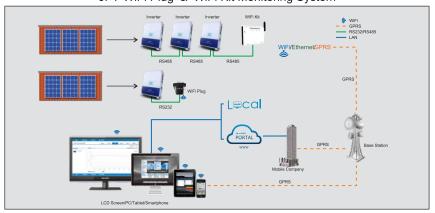


The new generation of WiFi Plug/GPRS Plug enables operation under AP and STA mode simultaneously, which means that users can directly get access to the internal Web Server via WiFi, and at the same time the module can connect to remote portal via WiFi, enabling users to monitor PV systems anytime and anywhere via Internet.

Features

- > Connect with inverters on its RS232 port, no additional external hardware
- > WiFi/GPRS (802.11 b/g/n) communication according to user requirements
- > Remote monitoring via SolarMAN Portal
- > Able to upgrade software of inverter via WiFi/GPRS
- > Optimized configuration interface makes setting procedures easier and faster

JFY WiFi Plug & WiFi Kit Monitoring System



Solardog Wireless Monitor

Features

- > Integrated large LCD display
- Bar chart display for historical output energy of PV system, for example, daily, monthly and yearly output energy
- > Advanced wireless communication technology (Up to 120 meters in open area)
- Monitor up to 5 inverters, convenient to monitor small commercial or residential PV system
- > Real time monitoring for output power of PV system, operation value and carbon saving data
- > Error recorder and warning buzzer
- > Integrated with earth faulty alarm

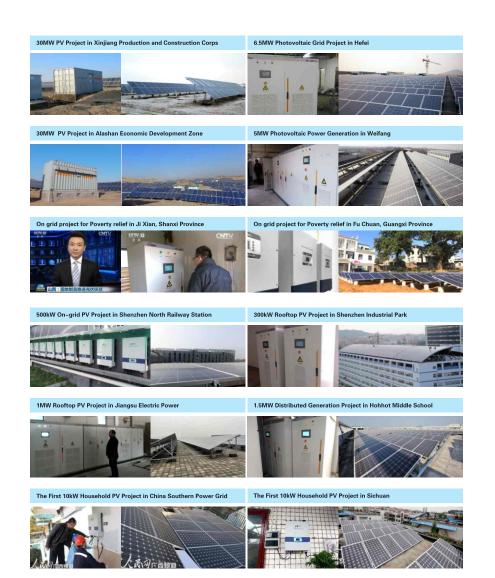


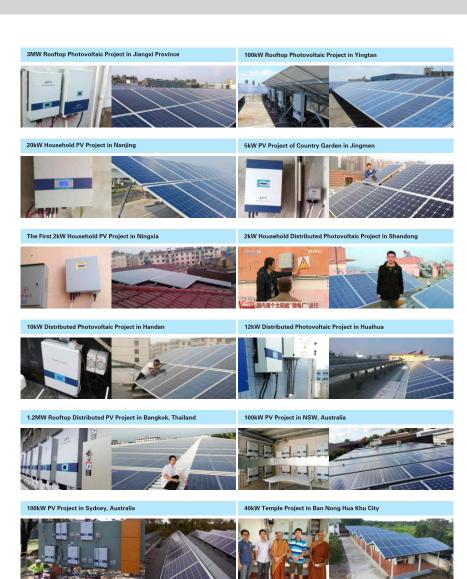


Technical data

Name	Receiver Unit	Emitter Unit
Power source	AAA*3	Powered by RS232 port on inverter
Working current (mA)	<30	<120
Wireless transmission mode	433MHZ FSK	433MHZ FSK
Communication distance (m)	100	100
LCD display	90*76MM digital display	V
Installing type	A.	Plug on RS232 port on inverter, each EU per invert
Monitor the max. number of inverter	5	Λ
Max. number of connected emitter unit	5	Λ
Real-time power display	Yes	Λ
E-total display	Yes	1
E-history date display	Yes	1
Date display	D/M/Y	1
Time display	Yes	1
Error alarm	Yes/LCD display& warning buzzer	1
Stand-by current (mA)	<1	1
IP protection type	IP20 (Indoor type)	IP65 (Outdoor type)
Operation temperature range (°C)	0~+50	-25~+60
Warranty (years)	2	2

References





Export to more than 50 Countries



30MW PV generation station in Inner Mongolia, China

Total system capacity 30MW utilizing a total of 29 sets of 1 MW inverter units

Each megawatt inverter unit contains two sets SUNFORST-500KT concentrated photovoltaic grid-connected inverters and housings with related intelligent ventilation systems, fire protection, lighting and power distribution systems.

The project is expected to generate 30 thousand kWH per hour in peak sunlight conditions The project generates in excess of 31 million kWH average annual, saves more than 12,000 tons of standard coal and reduces carbon dioxide emissions of nearly 45,000 tons.

The Datang company is a large enterprise group directly managed by the state.

This project cooperation with Datang ddemonstrates JFY's product performance, quality, capability and commitment to research and development.

30MW demonstration PV generation station in Luoyang, China

30MW total installed capacity requiring a total investment of 330 million yuan. The project is installed on the roof of 25 manufacturing buildings with a total area of over 350,000 square meters.

The project includes 26 PV power stations and is expected to be generating 30 thousand kWH per hour in peak sun conditions. The project generates more than 31 million kWH average annual and saves more than 12,000 tons of standard coal, reducing carbon dioxide emissions of nearly 45,000 tons.

15,000 units off-grid power in northwest area of China

In the remote northwest area there is an electricity shortage which presents a major inconvenience to the residents. 500VA off-grid power by JFY utilizes built in solar controllers and inverters to provide easy to use household sized units for each family to bring stable power to meet their lighting, heating and other basic household appliance needs.

150,000 units string inverter in global market

First home PV system in China

5.2MW PV generation system in Jiangxi, China
5MW PV generation system in Shandong, China
6.5MW PV generation system in Hefei, China
2.5MW PV generation station in Guangzhou, China
1.63MW PV generation station in Shandong, China
2.58MW PV grid-connected system in Beijing, China
Demonstration PV system in Jiangxi, China
Distribution PV system in Hohhot, China

Some Hornors and Certifications

Patents

National Hi-tech Enterprise Honest And Trustworthy Enterprise China Top 10 PV Inverter Enterprise



Certificates







TV Reports







China central television reported

China central television reported

China gansun TV reported