

G2 F G3 SERIES (Inverter)

2021

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G2 SERIES

Product Introduction



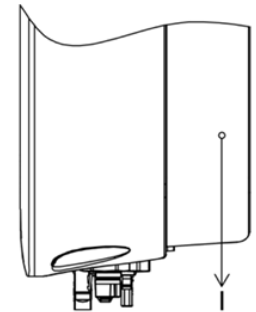
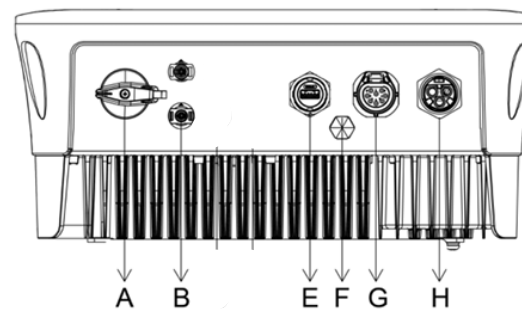
IP65
Single Phase
Single MPPT Inverter
S700/S1000/S1500/S2000
S2500/S3000/S3300

Basic Features

- Compact design
- Advanced DSP control technology.
- Utilizes the latest high-efficiency power component.
- Optimal MPPT technology.
- Wide MPPT input range.
- Advanced anti-islanding solutions.
- IP65 protection level.
- Max. Efficiency up to 97.4%. EU efficiency up to 96.8%. THD<3%.
- Safety & Reliability: Transformerless design with software and hardware protection.
- Export limitation (CT/Meter/DRM0/ESTOP).
- Power factor regulation. Friendly HMI.
- LED status indications.
- LCD display technical data, human-machine interaction through touch key.
- PC remote control.

Terminals Introduction

3.3 Terminals Introduction



Item	Description
A	DC Switch (Optional)
B	PV1
C	
D	
E	WiFi/GPRS/4G/USB
F	Waterproof Lock Valve
G	Communication Port
H	AC Connector
I	Grounding Screw

Technical Parameters

Model	S700	S1000	S1500	S2000	S2500	S3000	S3300
INPUT							
PV							
Max. Recommended DC Power [W]	1050	1500	2250	3000	3750	4500	4950
Max.DC Voltage [V]	500	500	500	500	500	500	500
Nominal DC Operating Voltage [V]	360	360	360	360	360	360	360
Max. Input Current [A]	14	14	14	14	14	14	14
Max. Short Circuit Current [A]	18	18	18	18	18	18	18
MPPT Voltage Range [Vdc]	50-480	50-480	50-480	50-480	50-480	50-480	50-480
Start-up Voltage [V]	60	60	60	60	60	60	60
No. of MPP Trackers	1	1	1	1	1	1	1
Strings Per MPP Tracker	1	1	1	1	1	1	1
OUTPUT							
AC							
Nominal AC Power [W]	700	1000	1500	2000	2500	3000	3300
Max. Apparent AC Power [VA]	800	1100	1650	2200	2750	3300	3300
Rated Grid Voltage [Vac]	220/230/240						
Rated Grid Frequency [Hz]	50/60						
Nominal AC Current [A]	3.0	4.3	6.5	8.7	10.9	13.0	14.3
Max. AC Current [A]	3.5	4.8	7.2	9.6	12.0	14.3	14.3
Displacement Power Factor	1 (Adjustable from 0.8 leading to 0.8 lagging)						
Total Harmonic Distortion (THDi, Nominal output)	<3%	<3%	<3%	<3%	<3%	<3%	<3%
EFFICIENCY							
MPPT Efficiency	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%
Euro-efficiency	96.50%	96.50%	96.50%	96.80%	96.80%	96.80%	96.80%
Max. Efficiency	97.20%	97.20%	97.30%	97.40%	97.40%	97.40%	97.40%

Technical Parameters

PROTECTION

DC Reverse Polarity Protection	YES
Anti-Islanding Protection	YES
Insulation Monitoring	YES
Residual Current Monitoring	YES
AC Short Circuit Protection	YES
AC Output Over Current Protection	YES
AC Output Over Voltage Protection	YES
Surge Protection	Type II(DC) / Type II(AC)
Temperature Protection	YES
Integrated DC Switch	Optional
AFCI Protection	Optional

STANDARD

Safety	IEC 62109-1/2
EMC	IEC 61000-6-1/IEC 61000-6-2/IEC 61000-6-3
Certification	EN 50549; C10/11; IEC 61727; ABNT NBR 16149/16150; IEC62116

GENERAL DATA

Dimensions (WxHxD) [mm]	290*220*116
Weight [kg]	5.4
Cooling Concept	Natural
Topology	Non-isolated
Ingress Protection (according to IEC60529)	IP65
Over Voltage Category	III (AC side), II (PV side)
Noise Emission (typical) [dB]	<30
Max. Operating Altitude [m]	3000
Operating Temperature Range	-25..... +60°C
Humidity	0-100% (No condensation)
Self Consumption (night) [W]	<1
Monitoring Module (optional)	External WIFI/GPRS(optional)
Communication	RS485,Meter,CT, ISO alarm
Display	LCD screen, Touch Key, App, Website

F SERIES

Product Introduction



IP65

Single Phase

Dual MPPT Inverter

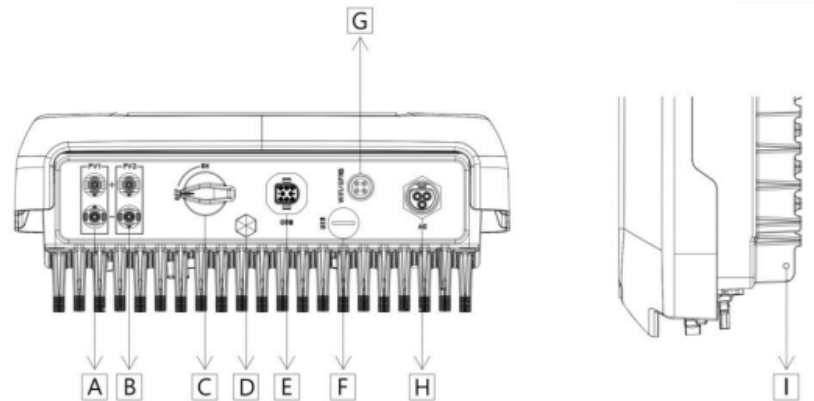
F3000/F3600/F4600/F5000

F5300/F6000

Basic Features

- Unique heat sink fins
- Advanced DSP control technology.
- Utilizes the latest high-efficiency power component.
- Optimal MPPT technology.
- Two independent MPP trackers.
- Wide MPPT input range.
- Advanced anti-islanding solutions.
- IP65 protection level.
- Max. Efficiency up to 97.4%. EU efficiency up to 96.8%. THD<3%.
- Safety & Reliability: Transformerless design with software and hardware protection.
- Export limitation (CT/Meter/DRM0/ESTOP).
- Power factor regulation. Friendly HMI.
- LED status indications.
- LCD display technical data, human-machine interaction through touch key.
- PC remote control.
- Upgrade through USB interface.

Terminals Introduction



Item	Description
A	DC Connector
B	DC Connector
C	DC Switch (Optional)
D	Waterproof Lock Valve
E	Communication Port
F	USB Port (For Upgrade)
G	WiFi/GPRS/LAN (Optional)
H	AC Connector
I	Grounding Screw

Unique heat sink fins



Technical Parameters

Model	F3000	F3600	F4600	F5000	F5300	F6000
INPUT						
PV						
Max.Recommended DC Power [W]	4500	5400	6900	7500	7950	9000
Max.DC Voltage [V]	600	600	600	600	600	600
Nominal DC Operating Voltage [V]	360	360	360	360	360	360
Max. Input Current (input A/input B) [A]	14/14					
Max. Short Circuit Current (input A/input B) [A]	18/18					
MPPT Voltage Range [Vdc]	80-550	80-550	80-550	80-550	80-550	80-550
Start output Voltage [V]	120	120	120	120	120	120
No. of MPP Trackers	2	2	2	2	2	2
Strings Per MPP Tracker	1	1	1	1	1	1
OUTPUT						
AC						
Nominal AC Power [W]	3000	3600	4600	5000	5300	6000
Max. Apparent AC Power [VA]	3300	3960	5060* ¹	5500* ²	5830	6000
Rated Grid Voltage [Vac]	220/230/240					
Rated Grid Frequency [Hz]	50/60					
Nominal AC Current [A]	13.0	15.7	20.0	21.7	23.0	26.1
Max. AC Current [A]	14.3	17.2	22.0	23.9	25.3	26.1
Displacement Power Factor	1 (Adjustable from 0.8 leading to 0.8 lagging)					
Total Harmonic Distortion (THDi, Nominal output)	<3%	<3%	<3%	<3%	<3%	<3%
EFFICIENCY						
MPPT Efficiency	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%
Euro-efficiency	96.80%	96.80%	96.80%	96.80%	96.80%	96.80%
Max. Efficiency	97.40%	97.40%	97.40%	97.40%	97.40%	97.40%

Technical Parameters

PROTECTION	
DC Reverse-polarity Protection	YES
Anti-Islanding Protection	YES
Insulation Monitoring	YES
Residual Current Monitoring	YES
AC Short Circuit Protection	YES
AC Output Over Current Protection	YES
AC Output Over Voltage Protection	YES
Surge Protection	Type II(DC) / Type II(AC)
Temperature Protection	YES
Integrated DC Switch	Optional
STANDARD	
Safety	IEC 62109-1/2
EMC	IEC 61000-6-1/IEC 61000-6-2/IEC 61000-6-3
Certification	AS4777.2-2015/G98-1/G99-1/EN50549-1/IEC 61727
GENERAL DATA	
Dimensions (WxHxD) [mm]	402*476.5*148
Net Weight [kg]	15.5
Cooling Concept	Natural
Ingress Protection (according to IEC60529)	IP65
Topology	Transformerless
Over Voltage Category	III (AC side), II (PV side)
Noise Emission (typical) [dB]	<30
Operating Temperature Range	-20..... +60°C (derating at +45°C)
Storage Temperature Range	-40..... +70°C
Humidity	0-100% (no condensation)
Self Consumption (night) [W]	<1W
Monitoring Module (optional)	External WIFI/Lan/GPRS (optional)
Communication	Meter, CT, DRM, USB update, RS485
Display	LCD screen, Touch Key, App,Web site

G3 SERIES

Product Introduction



IP65

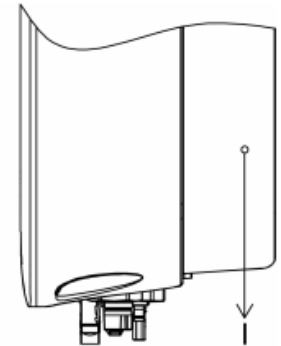
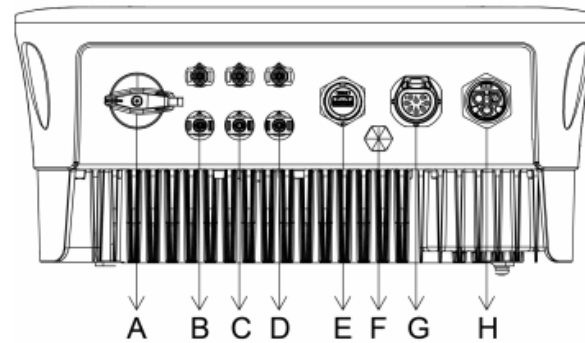
Three Phase
Inverter

T3G3/T4/T5/T6/T8/
T10/T12/T15/T17/
T20/T23/T25

Basic Features

- Advanced DSP control technology.
- Utilizes the latest high-efficiency power component.
- Optimal MPPT technology.
- Independent MPPT tracker
- Wide MPPT input range.
- Advanced anti-islanding solutions.
- IP65 protection level.
- Max. Efficiency up to 97.4%. EU efficiency up to 96.8%. THD<3%.
- Safety & Reliability: Transformerless design with software and hardware protection.
- Export limitation (CT/Meter/DRM0/ESTOP).
- Power factor regulation. Friendly HMI.
- LED status indications.
- LCD display technical data, human-machine interaction through touch key.
- PC remote control.
- Upgrade through USB interface.

Terminals Introduction



Item	Description
A	DC Switch (Optional)
B	PV1
C	PV2
D	PV3
E	WiFi/GPRS/4G/USB
F	Waterproof Lock Valve
G	Communication Port
H	AC Connector
I	Grounding Screw

Technical Parameters

MODEL	T3-G3	T4-G3	T5-G3	T6-G3	T8-G3	T10-G3	T12-G3	T15-G3	T17-G3	T20-G3	T23-G3	T25-G3
INPUT (PV)												
Max. Input Power[W]	4500	6000	7500	9000	12000	15000	18000	22500	25500	30000	34500	37500
Max. Input Voltage[V]	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Start-up Input Voltage[V]	140	140	140	140	140	140	140	140	140	140	140	140
Rated Input Voltage[V]	600	600	600	600	600	600	600	600	600	600	600	600
MPPT Operating Voltage Range[V]	140-1000	140-1000	140-1000	140-1000	140-1000	140-1000	140-1000	140-1000	140-1000	140-1000	140-1000	140-1000
Max. Input Current[A]	14	14	14	14	14	14	14	28	28	28	28	28
Max. Short-circuit Current[A]	18.2	18.2	18.2	18.2	18.2	18.2	18.2	36.4	36.4	36.4	36.4	36.4
No. of Independent MPP Trackers	2	2	2	2	2	2	2	2	2	2	2	2
No. of Strings per MPP Tracker	1+1	1+1	1+1	1+1	1+1	1+1	1+1	2+2	2+2	2+2	2+2	2+2
OUTPUT (AC)												
Rated Output Power[W]	3000	4000	5000	6000	8000	10000	12000	15000	17000	20000	23000	25000
Max. Output Apparent Power[VA]	3300	4400	5500	6600	8800	11000	13200	16500	18700	22000	25300	27500
Rated Grid Voltage[V]	3/N/PE, 220/380, 230/400, 240/415											
Rated Grid Frequency[Hz]	50/60											
Rated Output Current[A]	4.3	5.8	7.2	8.7	11.6	14.5	17.4	21.7	24.6	29.0	33.3	36.2
Max. Output Current[A]	4.8	6.4	8.0	9.6	12.8	15.9	19.1	23.9	27.1	31.9	36.7	39.9
Power Factor	1 (Adjustable from 0.8 leading to 0.8 lagging)											
Total Harmonic Distortion [THDi]	<3%											
EFFICIENCY												
MPPT Efficiency	99.8%											
Euro Efficiency	97.8%											
Max. Efficiency	98.6%											

Technical Parameters

PROTECTION													
Insulation Monitoring							YES						
Residual Current Monitoring							YES						
PV String Current Monitoring							Yes		Optional				
DC Reverse Polarity Protection							YES						
Anti-islanding Protection							YES						
AC Short-circuit Protection							YES						
AC Overcurrent Protection							YES						
AC Overvoltage Protection							YES						
Surge Protection							DC/AC: Type II						
DC Switch							Optional						
AFCI							Optional						
GENERAL DATA													
Dimensions (WxHxD)[mm]							370*480*183.5						
Weight		17	17	17	17	17	17	17	20	20	20	21	21
Cooling Method				Natural Convection					Fan				
Topology							Transformerless						
Noise Emission (typical)		<30	<30	<30	<30	<30	<30	<30	<55	<55	<55	<55	<55
Max. Operating Altitude							3000						
Operating Temperature Range							-25 ~ 60						
Humidity							0 ~ 100% (No Condensation)						
Protection Degree							IP65						
Internal Consumption at Night							<3						
Monitoring Module							WIFI / 4G (Optional)						
Communication							RS485, Meter, DRM, Estop						
Display							LCD, Touch Key, App, Website						
STANDARD COMPLIANCE (MORE AVAILABLE UPON REQUEST)													
Safety							EN 62109-1/2, BIS IS 16169, BIS IS 16221-1/2						
EMC							EN 61000-6-1/2/3/4						
Grid Regulation							AS/NZS-4777.2, C10/11, EN50549-1, PN EN-50549-1, VDE-AR- N4105, RD 1699, CEI 0-21, NB/T 32004, VDE V 0126-1-1, UTE C 15-712-1, G99						

ADAPTOR

For 4G



For LAN



Installation Guide

WIFI/GPRS/4G Module INSTALLATION

FIRMWARE UPGRADE

CT/METER INSTALLTION

REMOTE MONITORING

ON-SITE INSTALLATION NOTICES

COMMON TROUBLESHOTTING

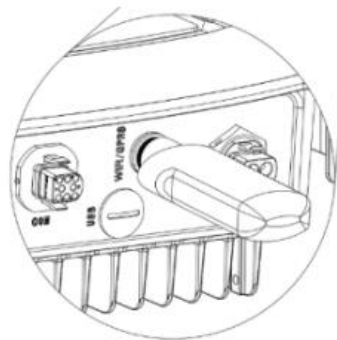
The background of the slide is a 3D architectural rendering of a long, brightly lit corridor. The corridor is formed by a series of white, rectangular pillars and beams that recede into the distance, creating a strong sense of perspective. The floor is a smooth, light-colored surface that reflects the overhead lights. The overall atmosphere is clean, modern, and minimalist.

WIFI/GPRS/4G MODULE

GPRS/SMART WIFI INSTALLATION

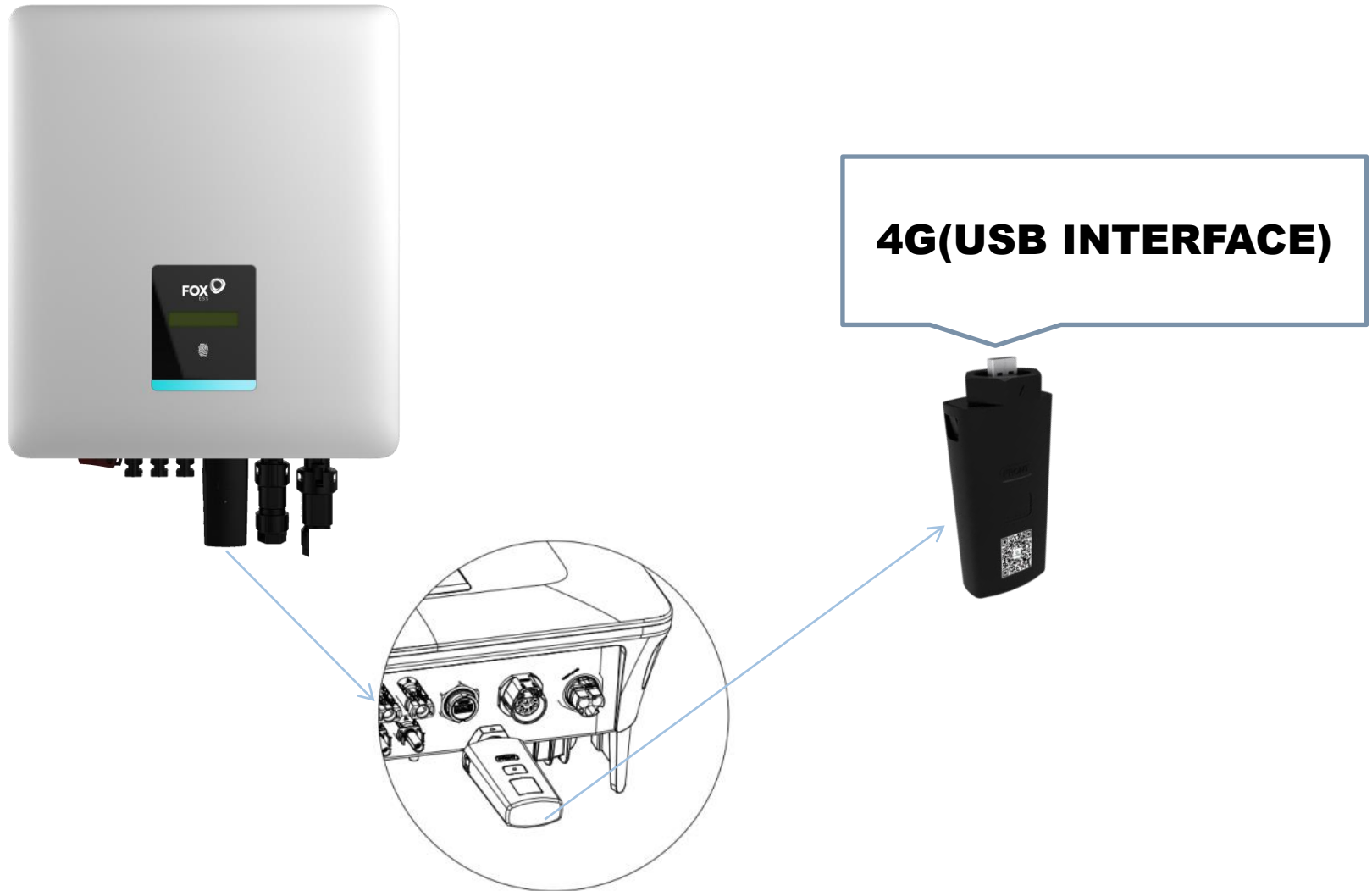


GPRS/ SMART WIFI



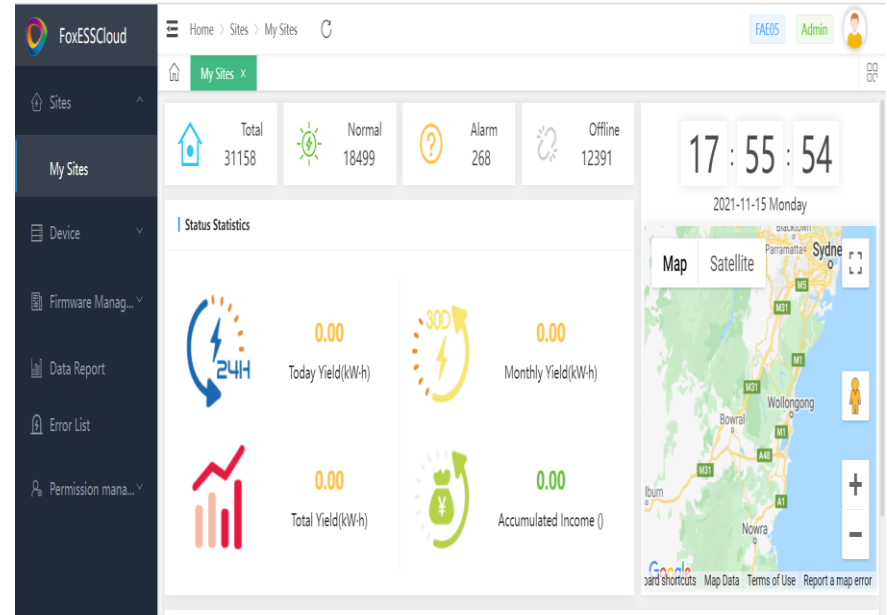
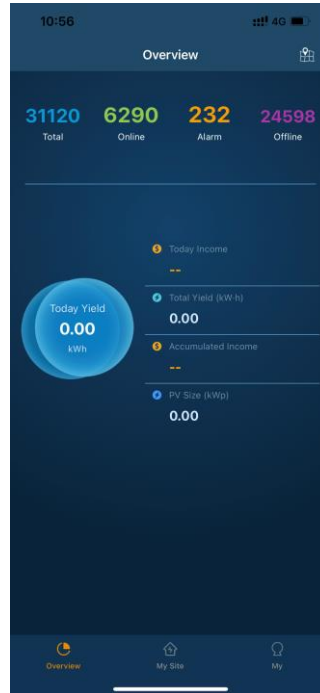
⚠ Please don't insert the data-logger reverly, or the inverter will crash.

4G MODULE INSTALLATION



MONITORING

Remote Monitoring

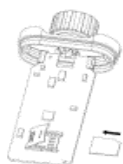


WWW.FOXESSCLOUD.COM

GPRS Settings

1 GPRS Stick Installation

Step 1:
Use a screwdriver to open the Smart GPRS.



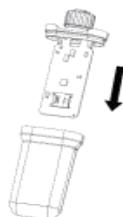
Step 2:

- Slide cover to the left to unlock and open;
- Insert the card into the slot (Make sure the core is facing down);
- Close the cover;
- Slide cover to the right side to close.

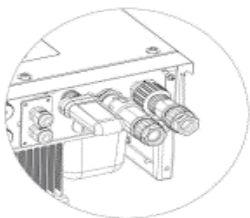
Note:

1. Please check from the side of the slot to make sure the SIM card core has sufficient contact with the card slot.
2. Please make sure the cover has been slide properly, otherwise the signal might be reduced.

Step 3:
Insert the Smart GPRS board into the shell.



Step 4:
Insert the Smart GPRS into the inverter WIFI/GPRS interface and tighten the dongle.
Note: lable face to front.



Note: The device must be away from strong magnetic fields generated by large electrical equipment, such as microwaves stoves, refrigerators, wireless phones, photovoltaic panels and metal walls to ensure communication quality. Communication quality might be affected by lightning.

2 APP Installation

Scan the QR Code below to download and install the FoxCloud APP on your smartphone.
Please choose from below operator:

- Tata
- Aircel
- Airtel
- Vodafone (Please contact Vodafone service to activate the SIM card before use.)



3 Register An Account



For Installer

Step 1:
Please click 'Sign Up', enter installer's information to complete the installer account registration.
Note: If you already have an installer/agent account, please press 'Sign In' and login with your installer/agent account directly.



Step 2:
Select 'Installer' and enter Installer name, then click 'OK'.
We suggest you complete all information to ensure after-sales service.

Note:
Installer: The installer
Agent: The agent/distributor/installation company.



For End User

Step 1:
Please click 'Sign Up', enter end user's information to complete the end user account registration.



Step 2:
Select 'End User' then scan the GPRS bar code on the Smart GPRS, and click 'OK'.
We suggest you complete all information to ensure after-sales service.



4 Create A Plant



For Installer

Step 1:
Open the APP, login with your Installer/agent account.



GPRS Settings

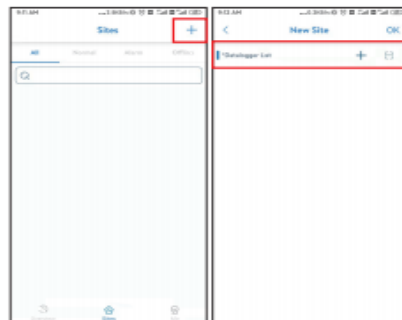
Step 2:
Press the '+' icon on the homepage to add plant. Press the scan icon next to the 'Datalogger List' to scan the QR code label on front side of the Smart GPRS.



Note: After starting the APP, it will pop-up a message 'Whether to allow positioning permissions', please select 'Allow'. For the PV Size, please fill in the actual capacity of the installed solar panels.

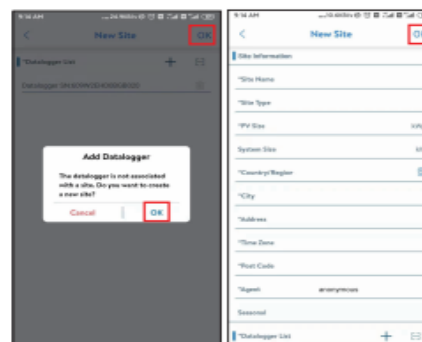


Step 2:
Press the '+' icon on the homepage to add plant. Press the scan icon next to the 'Datalogger List' to scan the QR code label on front side of the Smart GPRS.



Note: After starting the APP, it will pop-up a message 'Whether to allow positioning permissions', please select 'Allow'. For the PV Size, please fill in the actual capacity of the installed solar panels.

Step 3:
After scanning code successfully, click 'OK' on the top right corner of the page, APP will pop-up a message 'Add Datalogger', please click 'OK'. Complete all required information and click 'OK' on the top right corner of the page.



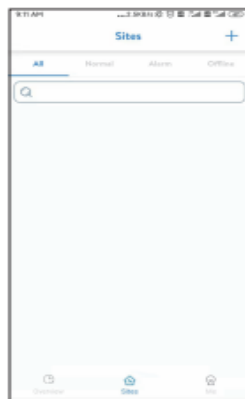
The manual is updated frequently. Please scan the code to download the latest version.

For End User

Step 1:
Open the APP, login with your end user account.



Note: If SN has been bound to the plant already, APP will go to the page as beside. If SN has not been bound before, please refer to step 3.



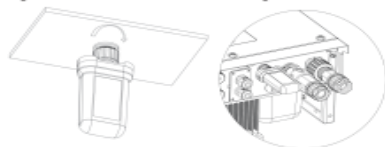
WiFi Settings

1 WiFi Stick Installation

Step 1:
Plug the Smart WiFi 2.0 into
WiFi/GPRS port under the
bottom (underside) of the
inverter.
Note: label face to front.



Step 2:
Tighten the nut clockwise as following.

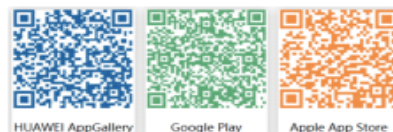


Step 3:
Power on the inverter (in accordance with the start-up
procedure detailed in the inverter installation manual).

Note:
1. For Brasil: Regulamento Anatel sobre equipamentos de Radiocomunicação de Radiação Restrita (Resolução nº 680): "Este equipamento não tem direito a proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados".
2. Warning: This is a class A Product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
3. Products exported to Brasil have obtained ANATEL certification, and the following signs will be placed on the shell.

2 APP Installation

Scan the QR Code below to download and install the
FoxCloud APP on your smartphone.



3 Configuration

Step 1:
Connect your mobile device with Smart WiFi. The SSID of the Smart WiFi is 'W-xxxxx' and the password is 'mtmt2020'.



Step 2:
After connecting successfully, Open browser and enter
'192.168.1.1' on the address bar on top.



Step 3:
Drop down the
WiFi SSID menu
to find house
router and input
the house router's
password. Click
'Save'.

4 Register An Account

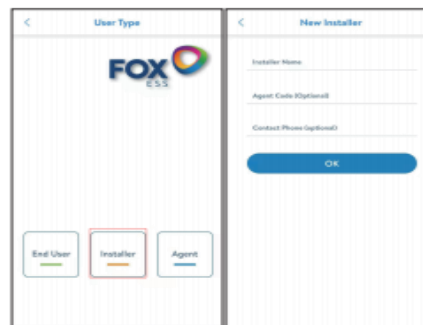


For Installer

Step 1:
Please click 'Sign
Up', enter
installer's
information to
complete the
installer account
registration.
Note: If you
already have an
installer/agent
account, please
press 'Sign In' and
enter with your
installer/agent
account directly.



Step 2:
Select 'Installer' and enter Installer name, then click 'OK'.
We suggest you complete all information to ensure
after-sales service.
Note:
Installer: The installer
Agent: The agent/distributor/installation company.

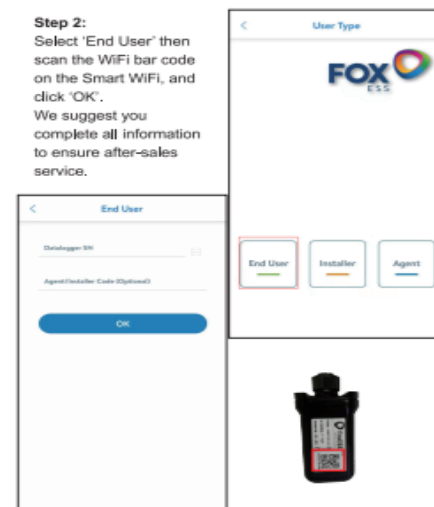


For End User

Step 1:
Please click 'Sign Up',
enter end user's
information to
complete the end
user account
registration.



Step 2:
Select 'End User' then
scan the WiFi bar code
on the Smart WiFi, and
click 'OK'.
We suggest you
complete all information
to ensure after-sales
service.



WIFI Settings

5 Create A Plant

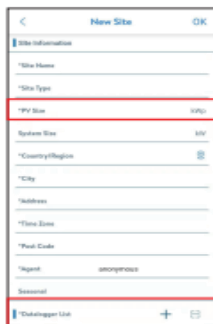


For Installer

Step 1:
Open the APP,
login with your
Installer/agent
account.



Step 2:
Press the '+' icon on
the homepage to add
plant. Press the scan
icon next to the
'Datalogger List' to
scan the QR code label
on front side of the
Smart WiFi.



Note: After starting the APP, it will pop-up a message
'Whether to allow positioning permissions', please
select 'Allow'. For the PV Size, please fill in the actual
capacity of the installed solar panels.

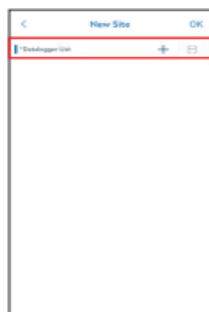


For End User

Step 1:
Open the APP,
login with your
end user account.

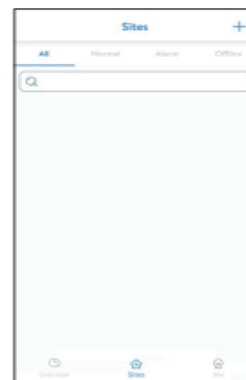


Step 2:
Press the '+' icon on
the homepage to add
plant. Press the scan
icon next to the
'Datalogger List' to
scan the QR code label
on front side of the
Smart WiFi.

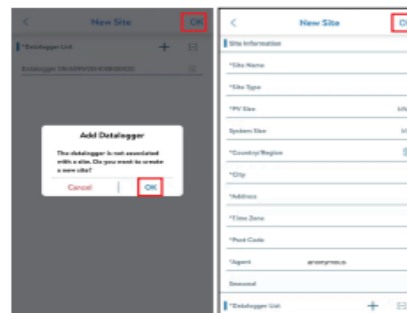


Note: After starting the APP, it will pop-up a message
'Whether to allow positioning permissions', please
select 'Allow'. For the PV Size, please fill in the actual
capacity of the installed solar panels.

Note: If SN has
been bound to the
plant already, APP
will go to the page
as beside. If SN
has not been
bound before,
please refer to
step 3.



Step 3:
After scanning code successfully, click 'OK' on the top
right corner of the page, APP will pop-up a message
'Add Datalogger', please click 'OK'. Complete all
required information and click 'OK' on the top right
corner of the page.



The manual is updated frequently. Please scan the code
to download the latest version.

The background of the slide is an abstract architectural rendering. It features a series of white, rectangular columns and beams that create a sense of depth and perspective, receding into the distance. The lighting is soft and even, highlighting the clean lines and geometric forms of the structure. A solid blue horizontal bar is positioned at the top of the image, just below the logo.

FIRMWARE UPGRADE

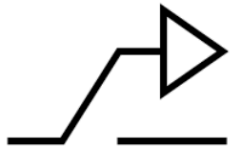
Local Upgrade

S SERIES



Use upper-computer software to upgrade the firmware for the inverter through RS485-usb cable.

***Note: This operation must be authorized by Foxess Team**

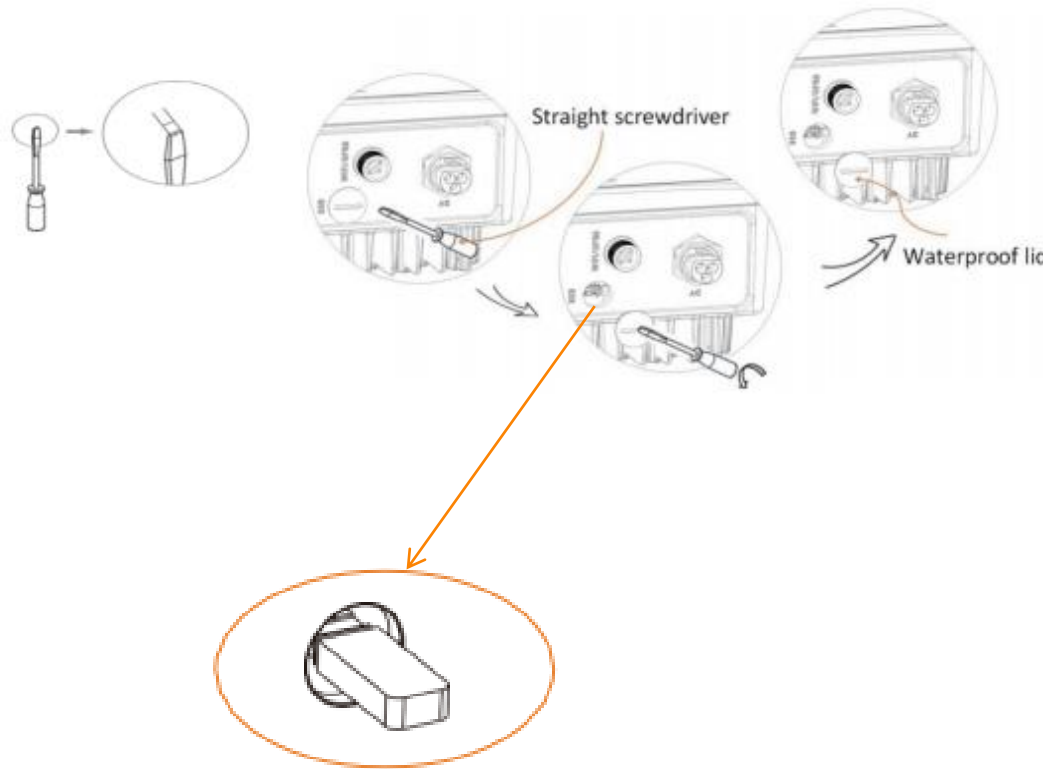


Alternatives

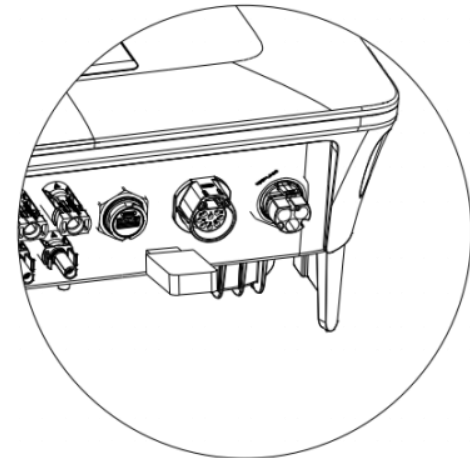
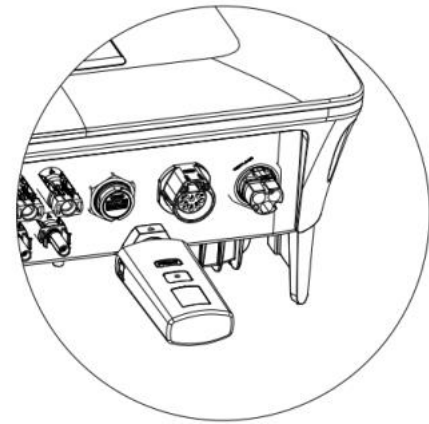
- Bring one spare GPRS Module, connect it with the inverter, use the sim-card to make the inverter online.
- Use the cell phone wifi hotspot to connect with the WIFI Module.

Local Upgrade

F SERIES



G SERIES

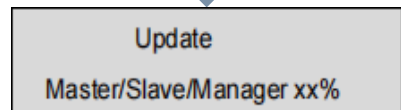
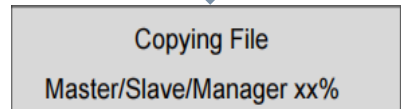
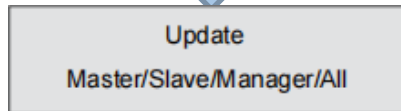


Local Upgrade

1.Disconnect the DC and AC of the inverter.

2.Wait until the LCD is off,then insert the usb-disk.

3.Re-connect the DC,when the LCD is on,it will show as below



Short press on the button to select the firmware type,then long press to confirm.

The inverter will start the upgrade process automatically.

When the upgrade is completed,please disconnect the DC,then remove the usb-disk.Re-connect DC and AC at last.

Remote Upgrade

Sites

Device

Firmware Manag...

Firmware Version

Inverter Remot...

Dataloggor Re...

Battery Remote...

Data Report

Error List

Permission mana...

Home > Firmware Management > Inverter Remote Upgrade

My Sites

Inverter

Inverter Details

Inverter Remote Upgrade

batch upgrade

Upgrade In Batch

Search by Inverter SN

661F502013AK086

Selected: 1

Site

Upgrade In Batch

Check upgrade Status

	No.	Site	Inverter SN	Datalogger SN	Inverter ...	Master ...	Slave Ve...	Manage...	AFCI ver...	Datalog.	Inverter ...
<input checked="" type="checkbox"/>	1	14 Hog...	661F502013AK086	669W2E0F13AA301	F5000	1.31	1.05	2.18		W2	✓

Normal

Alarm

Offline

Showing 1-50 , Total rows 1 item

50/page

Go to 1

Remote Upgrade

Upgrade In Batch



* Task Name

* Firmware Type

* Firmware Version

Firmware Name

Time Out min

Remarks

Cancel

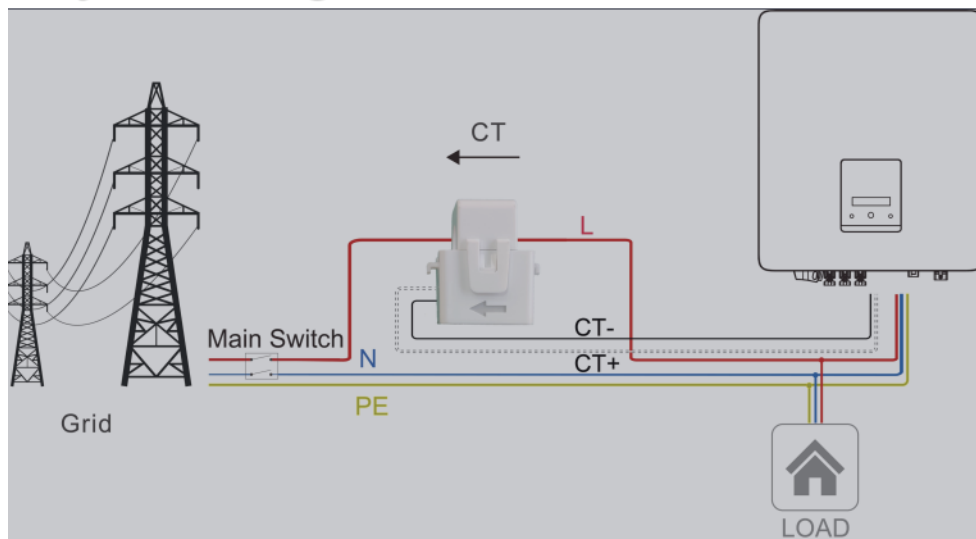
Upgrade

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CT/METER INSTALLATION

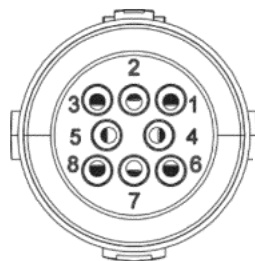
CT Installation(Optional)

System Diagram



Compatible Model:
CTSA016

The PIN definitions of CT/RS485/DRM0/ESTOP interface are as below.



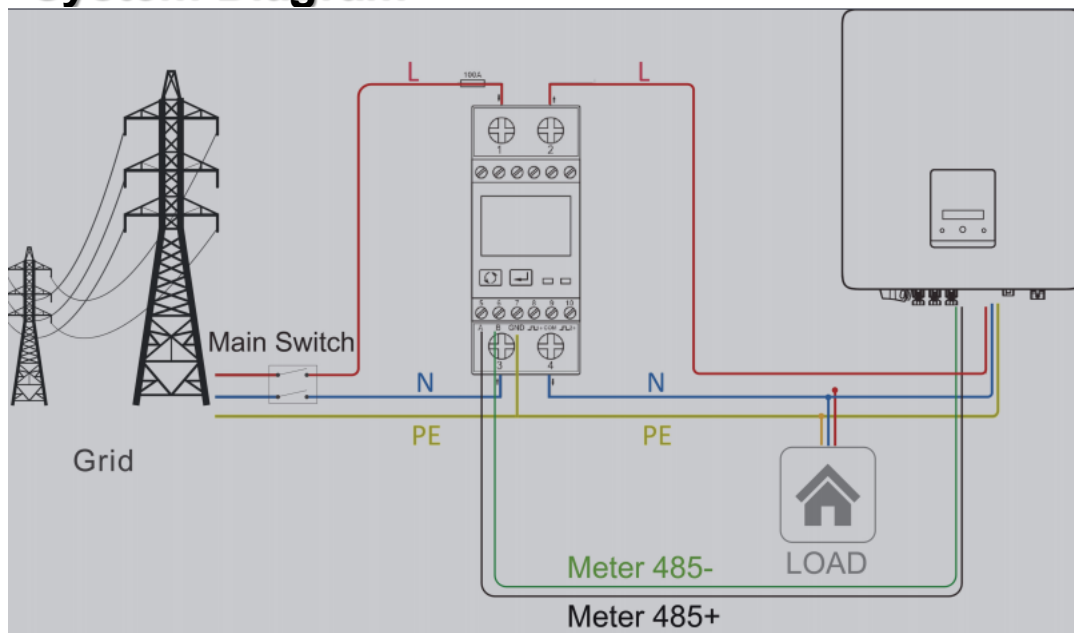
Note!

For a precise reading and control of power, a meter can be used instead of a CT. If the CT is fitted in the wrong orientation, anti-backflow function will fail.

PIN	1	2	3	4	5	6	7	8
Definition	CT+	CT-	METER 485-	METER 485+	GND	DRM0	NC	ESTOP

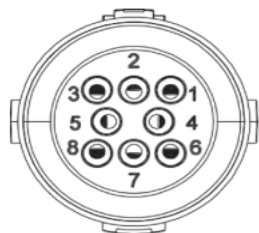
Meter Installation(Optional)

System Diagram



Compatible Model:
SDM230-Modbus
DDSU666

The PIN definitions of CT/RS485/DRM0/ESTOP interface are as below.



*** Only with the meter installed, the load consumption history can be recorded on the FoxessCloud.**

PIN	1	2	3	4	5	6	7	8
Definition	CT+	CT-	METER 485-	METER 485+	GND	DRM0	NC	ESTOP

Export Control to the Grid



Local Setting

1. The export control can be set on the inverter screen. Navigate the menu by short pressing the button on the inverter until you get settings as shown in the below figure.

2. Press and hold the button to enter into settings. Then navigate to CT/Meter option by short pressing the button. Press and hold the button to enter into the CT/Meter settings.



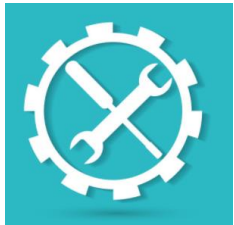
3. Once inside the screen choose Meter or CT according to the relevant installed component. Then press and hold the button to enter into it.



4. After you pressed enter on the previous step, the below screen will be displayed. Set the correct export power value and press and hold the button to set it. If the export value is already set. Press and hold the button until the screen shows normal.



Export Control to the Grid



Remote Setting

ConfigurationInfo

StartParameters

GridVoltageParameters

GridFreqParameters

PowerFreqParameters

ReactiveConfig

DCIConfig

FaultRideThrough ¹

ActivePowerConfig

ACPowerDownConfig

SystemTime

MeterConfig

RemoteDeratingEnable ☒

RemoteONOFFEnable ☐

ExportLimitEnable ☐ ²

PowerDecreaseRateEnable ☐

* ActivePowerLimit 100

* RemoteONorOFF ON

* ExportPower 5000 ³

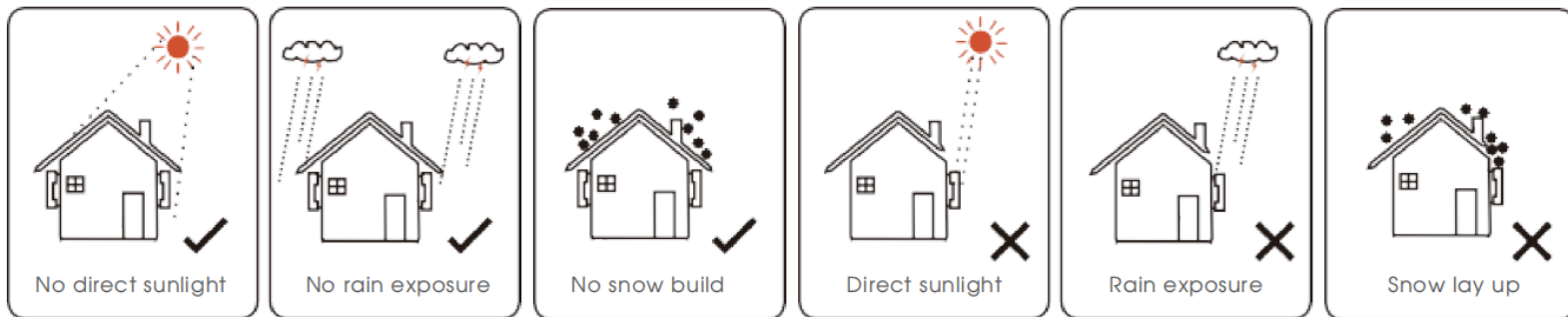
* PowerDecreaseRate 0.50

OK ⁴

NOTICES

On-Site Installation Notices

1. Make sure PV input voltage is among the inverter working range
2. Make sure PV input current is among the inverter working range
3. Make sure the inverter installed in a appropriate place



On-Site Installation Notices

1. Make sure AC wiring and PV wiring are good
2. Make sure the line in a good big angle
3. Inappropriate wiring can cause short fire



Bad connection



Bad angle



Short fire

The background of the slide is an abstract architectural rendering. It features a long, perspective view of a hallway or corridor. The walls and ceiling are composed of white, rectangular blocks that create a sense of depth and repetition. The floor is a smooth, light gray. The lighting is soft and even, highlighting the geometric forms. A solid blue horizontal bar is positioned at the top of the image, just below the FOX ESS logo.

TROUBLE SHOOTING

Trouble Shooting

COMMON FAULT

1**Sample Fault****2****SPS Fault****3****Permanent Fault****4****ISO Fault(MOV burnt)****5****Ground Fault**

Trouble Shooting

COMMON FAULT

6**OCP Fault****7****Dead Display****8****Meter Fault****9****SCI Fault****10****Relay Fault**

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SUPPORT & WARRANTY

Support Process

Step 1



Use Resources

Please refer to the product user manual and our online technical support resources, including our knowledge base, in the first instance. Many issues are easily identified and resolved using these tools. Please attempt to use these tools before proceeding to step two.

Step 2



Contact Support

If you are unable to resolve the issue using our support documentation, please get in touch with the Fox team. Calling from the site where the product is installed can often result in a quick resolution and/or identify immediately if the unit is faulty, so please do this where possible.

Step 3



Support Ticket

Once you have contacted Fox support, and if the issue cannot be resolved following any guidance issued, a support ticket will be created and you will be given a support reference. Please note down this reference as it will be required for any subsequent RMA request.

Step 4



Warranty Claim

Only when you have followed the previous steps, and when advised to by Fox Support, should you proceed to apply for a replacement. This would usually happen only once a Fox technician has confirmed that a replacement is required. Please complete form below.

Warranty Claim Criteria

It is the duty of the Installer to contact Fox in the event of a fault with the following information.

Name of the Installer:	Product serial number
Product Model No:	Installation date
Fault Code:	Customer name
Fault Details:	Installation postal/zip code
Contact Details:	Full installation address
	Name of installation company

Fox may ask for additional details depending on the fault conditions. Fox will run tests on the product and may advise the Installer to take photos for verification purposes. The Installer is required to submit an RMA Form with the evidence and any additional information requested by Fox. Once the form is received a unique ticket number is issued which will be used for tracking the progress

For more detailed warranty policy, please visit www.fox-ess.com



THANK YOU