3.1 Commissioning Video



FusionSolar

FusionSolar App (Local & Remote)

Website:

https://support.huawei.com/enterprise/en/doc/EDOC11 00165056

QR code:





WebUI

Website:

https://support.huawei.com/enterprise/en/doc/EDOC11 00127590

QR code:





3.2 Installer Account Registering

• Create the first installer account. This will also generate a domain that is named after the company name.



3.3 Smart Dongle Commissioning

Local commissioning: Built-in WLAN



Select the corresponding communication settings based on the Smart Dongle.									
WLAN con	nmunication	FE communication		4G communication					
〈 Quick settings	Quick settings	< Quick settings		Quick settings Parameter Description					
Device detection Completed Connect to mgmt sys parameters The access to the management system must be authorized by the customer. For details, see the privacy	Device detection Completer Connect to mgmt sys parameters The access to the management system must be authorized by the customer. For details, see the privacy	Device detection Completed	If Ethernet is displayed, the	Setting basic parameters Connect to mgmt sys APN • Set SIM card parameters. Obtain the parameters from the SIM card card carrier. The access to the management system must be authorized by the customer. For details, see the privacy policy. APN user name • When APN mode is set to Automatic, APN, APN dialup					
Monitor the PV plant through the management system.	policy. Monitor the PV plant through the management system.	Or Monitor the PV plant through the management system.	network cable is not connected. Reconnect the	Or Monitor the PV plant through the management system. PIN PIN PIN PIN PIN PIN PIN PIN					
Ethernet Select a router that can connect to the Internet	Signal strength Strong(-21dBm)	Setting parameters for the inverter to connect to the router	network cable.	Dongle parameter settings to Manual, APN-related APN mode Automatic set the parameters.					
setting and enter the router	IP address xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx			Network mode 4G/3G/2G automatic selection The PIN code is usually at the back of a SIM card. PIN xxxx					
Password kouter wLAN password	MAC address XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			If the automatic dialing is successful, 4G parameters are not displayed.					
Previous Next	Previous Next	Previous Next		Previous					



Local commissioning: WLAN module









	A	ld a plant.						Create an	owne	r account.	
< Create Site	<	Add plant		<	Add plant		Plant	Statistics		<	New user
Add plant	1 Set basic info	Connect device		1 Set basic info	2 Connect device		Setup wizard			*Company	xxx>
Connect to existing nt >	*Country/Region	Country/Region >		Device SN	Device	1 1				*Role ③	Owner
	*Company	>		Added devices			No Optimizer	Normal		*Plant	> 🖯
	*Plant name			Device SN	4figosc1234567890		Sull Optimizer	3.68 kWh		*Username	
	*Total string capac	ity(kWp)		Device type Device model	SmartLogger V100R002C00B030		 Pail Optimizer ○ ○ □ 2.205 kWe □ 0 	2 D1 LIMb		*Password	274ª
	*Grid-connected	09/29/2020 >		Connected devices >						Photo	
	*Plant address	Enter or locate 📀								Phone	
	Plant time zone									*Email	
	Owner	Owner name									
	Contact method	Phone/Email	1				Owner role: po user account s	ower station h settings and po	omepa ower st	ige, equipme ation inform	ent management, aation settings
Later	If the content you enter obtain authorization in	d involves third-party personal information, dvance.						۲		If the content you er information, obtain	ntered involves third-party personal authorization in advance.
		Next	I	Previous	Submit		Home Maintenance	Device Me		Cancel	ок

	LED		Remarks	Description
	Color	Status		
	N/A	Off	Normal	The Dongle is not secured or is not powered on.
	Yellow (blinking green and red simultaneously)	Steady on		The Dongle is secured and powered on.
	Green	Blinking in a 2-second cycle (on for 0.1s and	dNormal	Dialing (duration < 1 min)
		then off for 1.9s)	Abnormal	If the duration is longer than 1 min, the 4G parameter settings are incorrect. Reset the parameters.
		Blinking at long intervals (on for 1s and	Normal	The dial-up connection is set up successfully (duration < 30s).
		then off for 1s)	Abnormal	If the duration is longer than 30s, the settings of the management system parameters are incorrect. Reset the
				parameters.
		Steady on	Normal	Successfully connected to the management system.
		Blinking at short intervals (on for 0.2s and then off for 0.2s)		The inverter is communicating with the management system through the Dongle.
	Red	Steady on	Abnormal	The Dongle is faulty. Replace Dongle.
		Blinking at short intervals (on for 0.2s and then off for 0.2s)		The Dongle has no SIM card or the SIM card is in poor contact. Check whether the SIM card has been installed or is in good contact. If not, install the SIM card or remove and insert the SIM card.
		Blinking at long intervals (on for 1s and then off for 1s)		The Dongle fails to connect to the management system because it has no signals, weak signal, or no traffic. If the Dongle is reliably connected, check the SIM card signal through the APP. If no signal is received or the signal strength is weak, contact the carrier. Check whether the tariff and traffic of the SIM card are normal. If not, recharge the SIM card or buy traffic.
	Blinking red and green alternatively	Blinking at long intervals (red for 1s and green for 1s)		 No communication with the inverter Remove and insert the Dongle. Check whether inverters match the Dongle. Connect the Dongle to other inverters. Check whether the Dongle or the USB port of the inverter is faulty.
7 Huawei C	onfidential	Blinking at short intervals (red for 0.2s and green for 0.2s)	Normal	The Dongle is being upgraded locally.

3.4 SmartLogger Commissioning

Method 1: FusionSolar App

1. Before connecting to the app, ensure that the WLAN function has been enabled on the SmartLogger. By default, the WLAN function is available within 4 hours after the SmartLogger is powered on. In other cases, hold down the RST button (for 1s to 3s) to enable the WLAN function.

RST Operation	Function
Hold down the button for 1s to 3s.	When WLAN is set to OFF in idle state, hold down the RST button for 1s to 3s to power on the WLAN module. The alarm/maintenance indicator (ALM) then blinks green fast for 2 minutes (other indicators are off) and the SmartLogger waits for connecting to the app. If the app fails to be connected, the WLAN module is automatically powered off after it is powered on for 4 hours.
Hold down the button for more than 60s.	Within 3 minutes after the SmartLogger is powered on and restarted, hold down the RST button for more than 60s to restart the SmartLogger and restore factory settings.



Indicato r	Status	Meaning		
ALM	Blinking green slowly (on for 1s and then off for 1s)	Local maintenance is in progress		
	Blinking green fast (on for 0.125s and then off for 0.125s)	Local maintenance fails or the connection to the app is to be set up.		
	Steady green	Local maintenance succeeded.		

2. Set **Date&Time** and **Power Meter** for the SmartLogger.



Method 1: FusionSolar App

- 3. Add communications devices connected to the SmartLogger.
 - Tap Auto Device Search to add inverters.
 - If not all devices are detected due to duplicate communications addresses, tap **Auto Assign Address** to assign and adjust the addresses.
 - Tap Add device to add a smart power sensor. The DTSU666-H smart power sensor is used as an example. Set Device Type to Power Meter, Port number to the ID of the SmartLogger COM port connected to the smart power sensor, and Address to 11, and then tap OK.



Rated power

9.900 kW

Energy yield of current

day

0.00 kWh

10

Alarm

~

Device monitoring

Correction Settings



4. Set **Grid code** for the inverters.

- Select **Grid code** and tap **Batch set** to synchronize the grid code setting to the inverters in batches.
- The power grid code varies depending on the inverter. For details, see the corresponding user manual.





Method 1: FusionSolar App

- 5. Set the network parameters of the SmartLogger.
 - Method 1: When the SmartLogger connects to the Huawei Hosting Cloud over the wireless network, set **Monthly traffic package** and **Network mode**.

< Smart Onl	Logger	<	Settings	<	Mobile Data(4G/3G/2G)	
Communication status No SIM card	Connection failed	∧ User I	Param.	4G mo Not co	dule status nnected	
Rated power 9.900 kw	Active power 0.000 kw	Date&Tin	ne	Netwo	rk operator	
Energy yield of current day 0.00 kwb	Total 0.00 kWh	Plant		Month 0.00	ly usage traffic(MB)	
0.00 km		Revenue		Averaç 0.00	ge daily usage traffic(MB)	
Alarm	L Quick settings		n. Param.	Month 0.00	ly traffic package(MB)	
		Electricity	y Meter	Netwo	rk mode	
	(Ry	Mobile D	ata (4G/3G/2G)	4G/3G	/2G automatic selection	\vee
	Maintenance			APN n	node	
Device monitoring	Maintenance	Device W	/LAN hotspot	Manua	1 	\sim
		Ethernet		CHAP	ication type	\vee
[©] h	t+t			APN		
Settings	Power adjustment	RS485		JiJiJi		
\bigcirc				61622	ccess point number	
				APN u 16655	ser name 6	

APN user password

 Method 2: When the SmartLogger connects to the Huawei Hosting Cloud over a wired network, set Ethernet parameters.

Smartl ^{Onlii}	_ogger	<u>.</u>	< Settings		< Ethernet				
Communication status No SIM card	Connection failed		 User Param. 		DHCP				
Rated power 9.900 kw	Active power 0.000 kw		Date&Time		IP address				
Energy yield of current day 0.00 kwh	Total 0.00 kWh	0				0	0	Plant	Subnet mask
			Revenue		Default gateway				
(P	S		Comm. Param.		Primary DNS server				
Alarm	Quick settings		Electricity Meter		Secondary DNS server				
	8		Mobile Data (4G/3G/2G)		0.0.0.0				
Device monitoring	Maintenance		Device WLAN hotspot						
¢	T#T		Ethernet						
Settings	Power adjustment		RS485						

- Set Monthly traffic package and Network mode based on the SIM card information.
- By default, **APN mode** is set to **Automatic**. When this mode cannot be used to access the Internet, set the parameter to **Manual**. In this case, set the parameters related to the SIM card with the information obtained from the carrier.
- Perform operations based on **4G module status**. When **4G module status** is **Connected**, SmartLogger dial-up is successful.

- When DHCP is set to _____, Ethernet parameters of the SmartLogger are automatically allocated.
- When DHCP is set to ______, you can manually set Ethernet parameters. Set **IP address** and **Subnet mask** for the SmartLogger according to the network plan. Ensure that the SmartLogger and the router are on the same network segment and that the SmartLogger has a different IP address from other devices on the LAN. Set **Default gateway** and **Primary DNS server** to the IP address of the LAN router.
- If **Primary DNS server** cannot resolve the domain name, use **Secondary DNS server**.



Method 1: FusionSolar App

6. Set parameters for connecting the SmartLogger to the Huawei Hosting Cloud.

< Smart Onl	Logger	< Settings	<	Management System	
Communication status No SIM card	Management system Connection failed	Comm. Param.	Se	erver tl.fusionsolar.huawei.com	
Rated power 9.900 kw	Active power 0.000 kw	Ethernet	P0	ort number 7250	
Energy yield of current day 0.00 kwh	Total 0.00 kWh	RS485	Ad Lo	ddress mode	~
		Management System	S	SL encryption	
Alarm	Quick settings	Modbus TCP	Se	econd challenge authentication	
_		IEC103		anagement system omain name resolution failed	
Device monitoring	Maintenance	 Extended Param. 	40 N	4G module status Not connected	
		FTP	Et	hernet state ailed to connect to the gateway	
Settings	Power adjustment	Email			

Parameter	Description
Server	Set to intl.fusionsolar.huawei.com .
Port number	Set to 27250 .
Address mode	Set to Logical address .
SSL encryption	Set to 🤍 .
Secondary challenge authentication	Set to 🦳 .

If the status of **Management system** is **Connected**, the SmartLogger is properly connected to the Huawei Hosting Cloud.

7. Deploy the management system.

Management System		Add a plant.	Create an owner account.	
in sionsolar.huawei.com	< Create Site	< Add plant	< Add plant	Plant Statistics < New user
Port number 27250	Add plant	Set basic info Connect device	1 2 Set basic info	Setup wizard Answer Company xox>
Address mode	Connect to existing int >	*Country/Region >	Device SN Device 🖓	Enter a plant name. A Normal Role Owner
Logical address	~~	*Company >	Added devices	No Optimizer Normal *Plant > 🕀
Tips		*Plant name	Device SN 4figosc1234567890	*Username
Se Connect your phone to the Internet:		*Total string capacity(kWp)	Device type SmartLogger Device model V100R002C00B030	Password
Turn off WLAN and enable cellular mobile network.		*Grid-connected 09/29/2020 >	Connected devices >	Photo 😼
		*Plant address Enter or locate 💿		Phone
Confirm		Plant time zone		*Email
Ethernet state		Owner Owner name		
		Contact method Phone/Email		Owner role: power station homepage, equipment management
		Owner's authorization obtained		user account settings and power station information settings
	Later	If the content you entered involves third-party personal information, obtain authorization in advance.		If the content you entered involves third-party personal information, obtain authorization in advance.
Huawei Confidential		Next	Previous Submit	

Method 2: WebUI

1. Set the IP address for the PC on the same network segment as the SmartLogger IP address.



- When the IP address of the WAN port is on the 192.168.8.1-192.168.8.255 network segment, the IP address of the LAN port is automatically switched to 192.168.3.10, and the default gateway is 192.168.3.1. If the connection port is a LAN port, adjust the network configuration of the PC accordingly.
- It is recommended that the PC be connected to the LAN port.
- 2. Enter https://XX.XX.XX.XX (XX.XX.XX is the IP address of the SmartLogger) in the address box of a browser. If you log in to the WebUI for the first time, a security risk warning is displayed. Click Continue to this website.

3. Log in to the WebUI.



4. On the **Deployment Wizard** page, set parameters as prompted. For details, see **Help** on the page.

During parameter setting, click **Previous**, **Next**, or **Skip** as required.

🗲 e power system					English	- (O E	
Enspire	Deployment Wizard Over View Monitoring	Query Settings Main	ntenance		II 🤇	<u>Ao 💷o </u>	2
Deployment Wizard		3	4	5	6	-7	^
Basic parameters	Deployment Wizard						
Huawei Devices						🛛 🕜 Help	
Power Meter	Country/Region	CN(China, People's Ret			leln		
EMI	Local time zone	(UTC+08:00)Beijing 🖌			icip		
Huawei N MS	، Date	(YYY	(Y-MM-DD)				
Third-party NMS	Time	(HH:	:MM:SS)				
Third-party Devices	Clock source	Management System 🔽					
	Synchronization server	NA					
	Latest synchronization time						Ň
						Next Skip	
						IL03J000	03

5. After the parameters are configured, click **Finish**.



Port	IP Settings	SmartLogger Default Value	PC Setting Example	
	IP address	192.168.8.10	192.168.8.11	
LAN port	Subnet mask	255.255.255.0	255.255.255.0	
	Default gateway	192.168.8.1	192.168.8.1	
	IP address	192.168.0.10	192.168.0.11	
WAN port	Subnet mask	255.255.255.0	255.255.255.0	
	Default gateway	192.168.0.1	192.168.0.1	

Method 2: WebUI

6. Enter the Huawei Hosting Cloud address https://intl.fusionsolar.huawei.com in the address box of a browser. Log in to the Huawei Hosting Cloud. If no account or password is available, create an account.

			Inst	taller Registration		
			Note: If your company has registered an account in the system, you do not neregister again. Ask your administrator to add you to the user list.			
			* Company name :			
	FusionSolar		* Email:			
***			* Username :			
R Username/Email	O+ Password	A? Log In	* Password :			
Installer Reg	jistration Demo Site		* Confirm password :			
			Email verification code:	Send		
			•	3 I have read and agree to Terms of		

4

7. Create a PV plant.



8. Enter the basic information, access device, string configuration, and electricity price configuration based on the site requirements. Click **Save**. The PV plant is successfully created.

Add Plant					×
• Set Basic Info	• Add Devic	es	Set String Capacity	Set Electricity Prices	• Set Other Info
	* Company :			v	
	* Plant name:			Enter th	ne SN and name of
	* Grid connection date:	2021-05-11		the Sma	artLogger. After
	Contact person:			the inve	erters and smart
	Contact method:	Enter a phone num	ber or an email address.	power s	ensor/power
	* [Owner's authoriz f the content you er advance.	ation obtained Itered involves third-party person	meter c al information, obtain aut automa	onnected to the ogger are tically added.

3.5 Physical Layout Design on the FusionSolar App (Optional, for Scenarios with Optimizers)

Step 1. Check that the SN labels of the Smart PV Optimizers have been attached to the Huawei physical layout template.



Step 2. Check that the Smart PV Optimizers are successfully searched.

 Open the FusionSolar app, log in to intl.fusionsolar.huawei.c om using the installer account, choose My > Device commissioning, and connect to the WLAN hotspot of the solar inverter.
 Select installer and enter the login

Huawei Confident

password.

14





Template Photographing Requirements

- Place the template on a flat surface and take a photo horizontally.
- Ensure that the four positioning points are within the range shown in the picture.
- Ensure that the QR code is attached in the box and does not exceed the frame.
- Ensure that the QR code is clear without reflection or shadow. Otherwise, the recognition accuracy will decrease.
- If the QR code cannot be identified, you can manually bind the SN.

Step 3. Set optimizer physical layout Physical layout design of PV Subr SUN2000L-XXX-XXX Maintenance Output power(W) Physical layout * (+) Add/Delete device Optimizer layout Active power Energy yield of current day Physical layout design of PV module 0.500am 1.73(kmh) (1) Upgrade device Monthly energy yield Total 9.71 (kmb) 5.00(MWh) (1) Log management Jm (11) Performance data (P B Inverter ON/OFF Grid connected \bigcirc Alarm managemer **Ouick** settings

Tap the blank area to add PV modules.

Tap the blank area. The

selection buttons are

displayed.

(Restore defaults

(F) Clear historical energy yield

Adjust total energy yield

(D) Clear alarms

(T) Reset

2

Mainten

Device monitoring







Physical Layout FAQs

Scenario	Suggestion
Before the physical layout is generated, the Identification result contains an abnormal optimizer.	Check whether the networking is successful.
Before the physical layout is generated, the number of optimizers in the Identification result is incorrect.	 Take photos again as required. If some QR codes fail to be identified, manually bind QR codes after the layout diagram is generated.
Before the physical layout is generated, the number of pure PV module in the Identification result is incorrect.	 Check whether the dotted box in the corresponding box is painted black as required. Take photos again as required. If some pure components fail to be identified, manually repaint them after the layout diagram is generated.
The physical layout has been generated, but some QR codes fail to be identified. The QR codes that are not identified are incorrectly identified as pure PV module.	Manually select unidentified QR code and bind it to PV module
The physical layout has been generated. Most QR codes fail to be identified. The QR code is incorrectly identified as a pure PV module.	Delete the generated physical layout and take a photo as required.
The physical layout has been generated, but the pure PV module is not identified.	Manually add pure PV module.
The physical layout has been generated, but some templates are not identified.	In the generated physical layout, click image identification to identify the missing templates.

If the system requires a change, for example, adding, deleting, or replacing an optimizer, adjusting the physical position of an optimizer, or adjusting PV strings, power off the inverter, wait for 5 minutes, and then perform the change operation. After the system is changed, you must perform the quick settings or optimizer search again and update the physical layout diagram. Otherwise, problems such as missing optimizers, failure to locate optimizer faults, or system faults may occur.



3.6 Physical Layout Design on the FusionSolar WebUI (Optional, for Scenarios with Optimizers)

Log in to the https://intl.fusionsolar.huawei.com as installer user.





6. If some QR codes are not recognized, manually bind the optimizers.

Physical Layout

BT2049046704(BT2 BT2049046725(BT2 BT2049046724(BT2 2102312LFHBTK39 BT2049046607(BT2 2102312LFHBTK49 2102312LFHBTK49

Plant Drawings



1.1.11

 $-\Box$

210***039 BT2***683 BT2***624 BT2***745 210***047 BT2***622 BT2***720 210***034 210***08

1.1.12 1.1.13 1.1.14 1.1.15 1.1.16 1.1.17 1.1.5 1.1.2



= /~

HV2***861

(Optional) Manual configuration of physical layout diagram.

1. Drag the PV module to the physical layout area, increase the number of widgets, and adjust the angle based on the site requirements.









3.6 AFCI Setting

Function description: If PV modules or cables are incorrectly connected or damaged, electric arcs may be generated, which may cause fire. Huawei inverters provide arc detection to ensure the safety of users' lives and property.

This function is enabled by default. To disable this function, go to the **Device commissioning** screen from the FusionSolar app, log in as **installer** or **Advanced User**, and choose **Settings** > **Feature parameters**, and disable **AFCI**.



👂 HUAWEI

Starting the AFCI Self-Check

Log in to the FusionSolar app as **installer** or **Advanced User**. On the **Device commissioning** screen, choose **Maintenance**, and tap **Start AFCI check**. In the displayed dialog box, tap **Confirm**.



Clearing Alarms

The AFCI function may cause **DC arc fault**, which can be cleared in the following way:

• FusionSolar app local commissioning tool

On the **Device commissioning** screen, choose **Alarm management**, and tap **Delete** for the alarm.

Active alarm	Historical alarm
Alarm list(1)	
Device ID: 8192	_
Alarm ID: 2002 Clear	
Cause ID: 1	
Alarm name: DC arc fault	
Alarm severity: Major	
Alarm generatio	
Possible cause:	
The PV string power contact.	cable arcs or is in poor
Suggestion:	
Recommended: Chec cable does not arc ar following is the map alarm cause IDs: ID1: PV strings 1 ID2: PV strings 2	k that the PV string pov id is in good contact. Th ing between PV strings



3.7 Dry Contact Scheduling Parameter Setting

Submit

Scenario 1: Smart Dongle Networking

FusionSolar app local commissioning tool



Scenario 2: SmartLogger Networking

SmartLogger WebUI



Before setting this function, ensure that the DI port is not occupied. Otherwise, the setting fails. Before setting this function, ensure that the SmartLogger is correctly connected to a ripple control receiver.

Parameter	Description
Active power control mode	Set this parameter to DI active scheduling .
DI NOTE DI parameters include DI1, DI2, DI3, DI4, and Percentage (%).	 Sixteen levels are supported for the active power derating percentage. "√" indicates a low level. When the four DI ports of the SmartLogger are connected, the ports are low-level ports. When not connected, the ports are high-level ports. The percentage levels of DI1-DI4 should differ from each other. Otherwise, an abnormal command will be generated. If the actual input DI signal is inconsistent with that configured on the Web! II, the SmartLogger controls the
	inverter to work at full load and the Abnormal Active Schedule alarm is raised.



Ripple Power Control Setting Example in FusionSolar App



The inverter can be preconfigured to the following RRCR power levels. When the state is set to 0 for all four DIs, the active power output is 100%.

DI1	DI2	DI3	DI4	Active Power	Power Factor
1	0	0	0	20%	1
0	1	0	0	30%	1
0	0	1	0	50%	1
0	0	0	0	100%	1





Submit

3.8 Export Limitation Setting

Smart Dongle Networking

In	stallation guide
Meter type	HUAWEI-DTSU666- H(Three-phase)
Comm. address	11
Cancel	Confirm
< 0	Quick settings
Device d Wiri Setting basic parameters	ng Diagram
Please co	nnect wires according to
Che	r
There plane	
Note: 1.Grid; 2.The shield la cable;	iver of the communications

- 1. Search for **FusionSolar** in Google Play (Android) to download and install the app. Then, log in to the app.
- Log in to Device Commissioning, tap Quick Settings, and go to the Device detection screen. Tap Power meter to check whether Meter type is HUAWEI-DTSU666-H (Three-phase), whether Comm. address is 11, and whether the DTSU666-H is correctly connected in the wiring diagram.
- Return to the home screen, and choose Power adjustment > Grid-tied Point Control > Active power to set export limitation parameters.
 - For a single inverter, set **Closed-loop controller** to **Inverter**. The duration of export limitation is less than 2s.
 - For multiple inverters, Closed-loop controller can only be set to SDongle/SmartLogger. The duration of export limitation is less than 5s.





SmartLogger Networking

When the DTSU666-H 250 A/50 mA meter is connected to the SmartLogger, the RS485 cable of the power meter needs to be connected to the COM port of the SmartLogger. In the SmartLogger networking scenario, the duration of export limitation is less than 2s. You can commission in either of the following ways:

• FusionSolar app

- 1. Search for **FusionSolar** in Google Play (Android) to download and install the app.
- Log in to the SmartLogger, choose More > Settings > Comm. Param.
 Power Meter, set Intelligent Power Meter Type to DTSU666-H, and set Voltage change ratio and Current change ratio to 1.0.
- Return to the home screen, choose More > Device Mgmt., tap the drop-down list in the upper-right corner of the Device Mgmt. screen. Tap Add device, set Device type to Meter, Comm. protocol to Modbus-RTU, Port number to the ID of the SmartLogger COM port connected to the smart power sensor, and Address to 11.
- Return to the home screen, choose More > Settings > Active Power Control, enable Active power control, and set export limitation parameters.

< Pov	ver Meter
Intelligent Power Meter DTSU666-H	Туре 🗸 🗸 🗸 🗸 🗸 🗸 🗸
Voltage change ratio	Step 2
Current change ratio	
ļ.	dd device
Device type Meter	\vee
Comm. Modbus-R protocol:	TU V
Port number: 1	Step 3
Address: 11	(1-247)
Cancel	ОК
< Active	oower control
Active power control	Sten /
Active power control n	node
No limit	\sim

• SmartLogger WebUI

1. Enter **https://XX.XX.XX** in the address box of a browser, and log in to the WebUI.

XX.XX.XX represents the SmartLogger IP address, which is 192.168.0.10 (WAN) or 192.168.8.10 (LAN) by default.

2. Set parameters as prompted. For details, click Help on the page.

User Param. Comm. Param. Priver Addictment	Deployment Wizard Ow Q 2 Power Meter Inverter Parameters	T View Monitoring 3 Export Limitation Parameters	Query Settings-	Settings		English V (DE)
Active Power Control Reactive Power Control Export Limitation Smart Reactive Power Co.	Export Limitation	Port Baud rate Parity Stop Bit	COM1 9600 1	Y Y Y		🕑 Help
1 Power Meter	2 Inverter E Parameters	3 Export Limitatio Parameters	n			
Modbus RTU						
			Port	COM1	\checkmark	
			Baud rate	9600	\checkmark	
			Parity	None	\sim	
			Stop Bit	1	\sim	
	Meter Type	Janitza UMG103/UM 🔽				
		Voltage ch	nange ratio	1.0	[[0.1, 65535.0]
	1.0	[[0.1, 65535.0]			
			Address	1		[1, 247]
				Add Devices		



3.9 Setting Voltage Rise Suppression Curve

1.Log in to the FusionSolar app as **installer** or **Special User**. 2.Choose Settings > Feature parameters to set voltage rise suppression curves.





X