



EzLogger3000C

V1.1-2024-12-30

©

2024

GOODWE
固德威

GOODWE

1	1
1.1	1
1.2	1
1.3	1
2	2
2.1	2
2.3	2
2.4	2
2.5	2
2.6	3
2.7	3
2.8	3
3	4
3.1	4
3.2	4
3.3	5
3.4	6
3.5	6
3.6	7
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1

1 1

EzLogger3000C

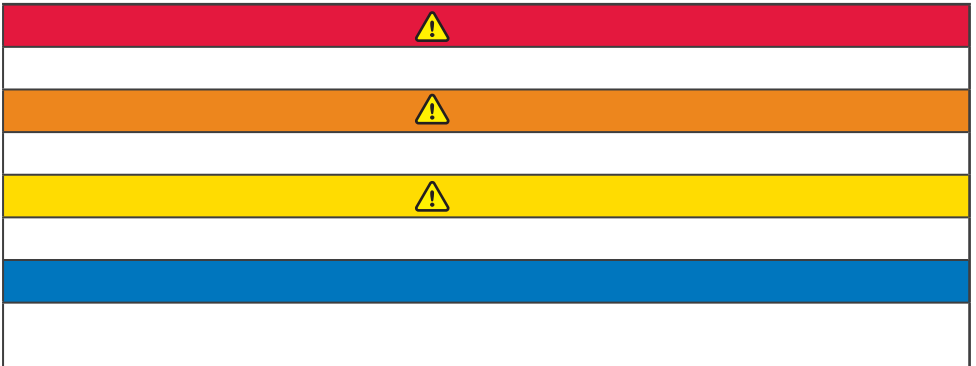
EzLogger3000C

EzLogger

1 2

1 3

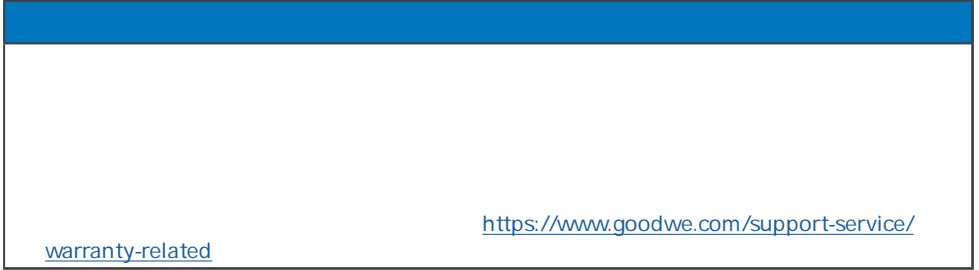
为更好地使用本手册,手册中使用了如下符号突出强调相关信息,请认真阅读符号及说明。



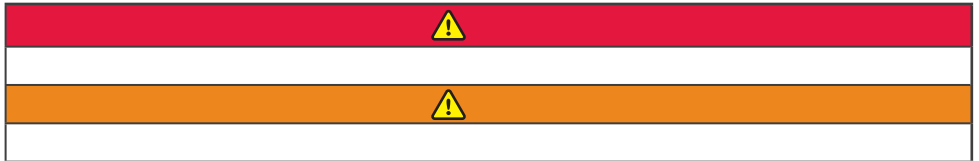
2



2 1



2 3



2 4











2 5



26



			
			
	CE		RCM
	TELEC		ANATEL

27



28



Radio Equipment Directive 2014/53/EU (RED)
 Restrictions of Hazardous Substances Directive 2011/65/EU and (EU) 2015/863 (RoHS)
 Waste Electrical and Electronic Equipment 2012/19/EU
 Registration, Evaluation, Authorization and Restriction of Chemicals (EC) No 1907/2006 (REACH)

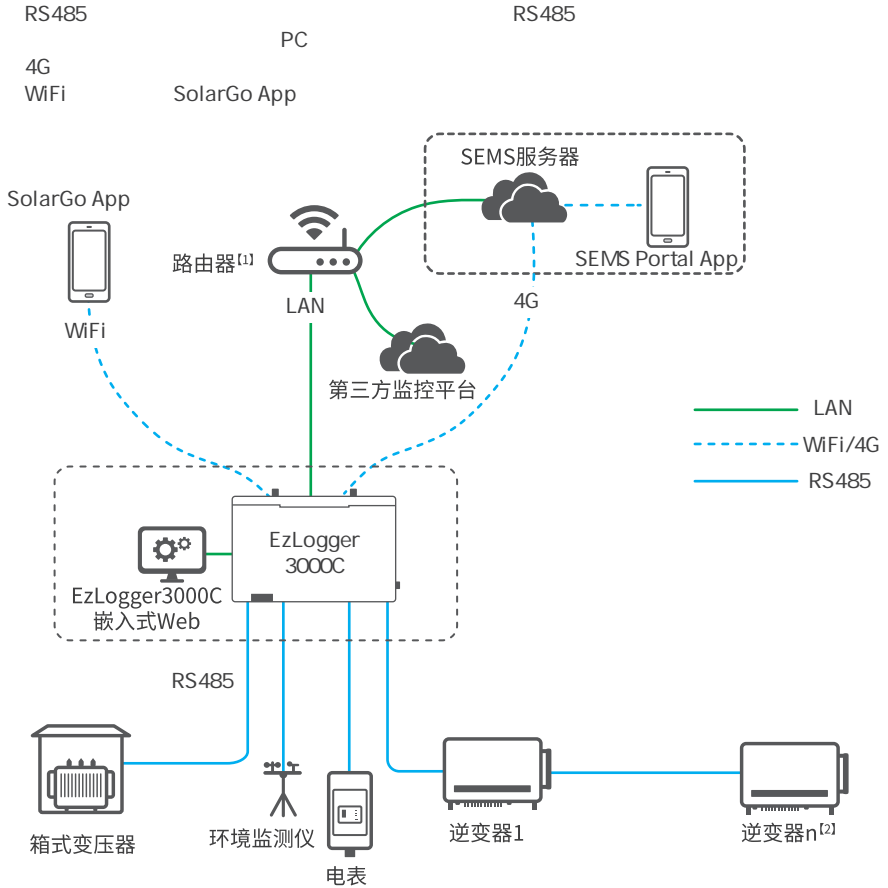
Electromagnetic compatibility Directive 2014/30/EU (EMC)
 Electrical Apparatus Low Voltage Directive 2014/35/EU (LVD)
 Restrictions of Hazardous Substances Directive 2011/65/EU and (EU) 2015/863 (RoHS)
 Waste Electrical and Electronic Equipment 2012/19/EU
 Registration, Evaluation, Authorization and Restriction of Chemicals (EC) No 1907/2006 (REACH)

EU

<https://en.goodwe.com>

3 3.1

3.2



1
2 RS485

20

33

16

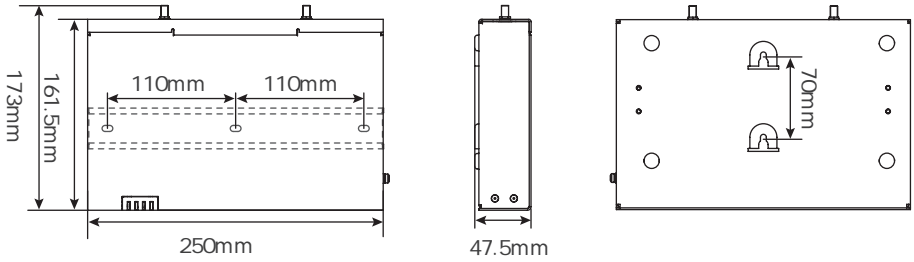
17

16

1			
2		ETH1/2	ETH1 ETH2 Web
3		PT100/PT1000	PT100/PT1000
4	AI	AI_0-12V	0-12V AI
5	AI	AI_0/4-20mA	0/4-20mA AI
6	12V	12V GND	12V
7	DO	DO1/2	DO
8	DI	DI	DI
9	CAN	CAN 1/2	CAN
10	MicroSD	MicroSD	MicroSD
11	USB	USB	U
12	RS485	RS485 1-4	RS485 RS485
13		RST	1-3 6-20
14		DC OUT 24V 0.5A	24V

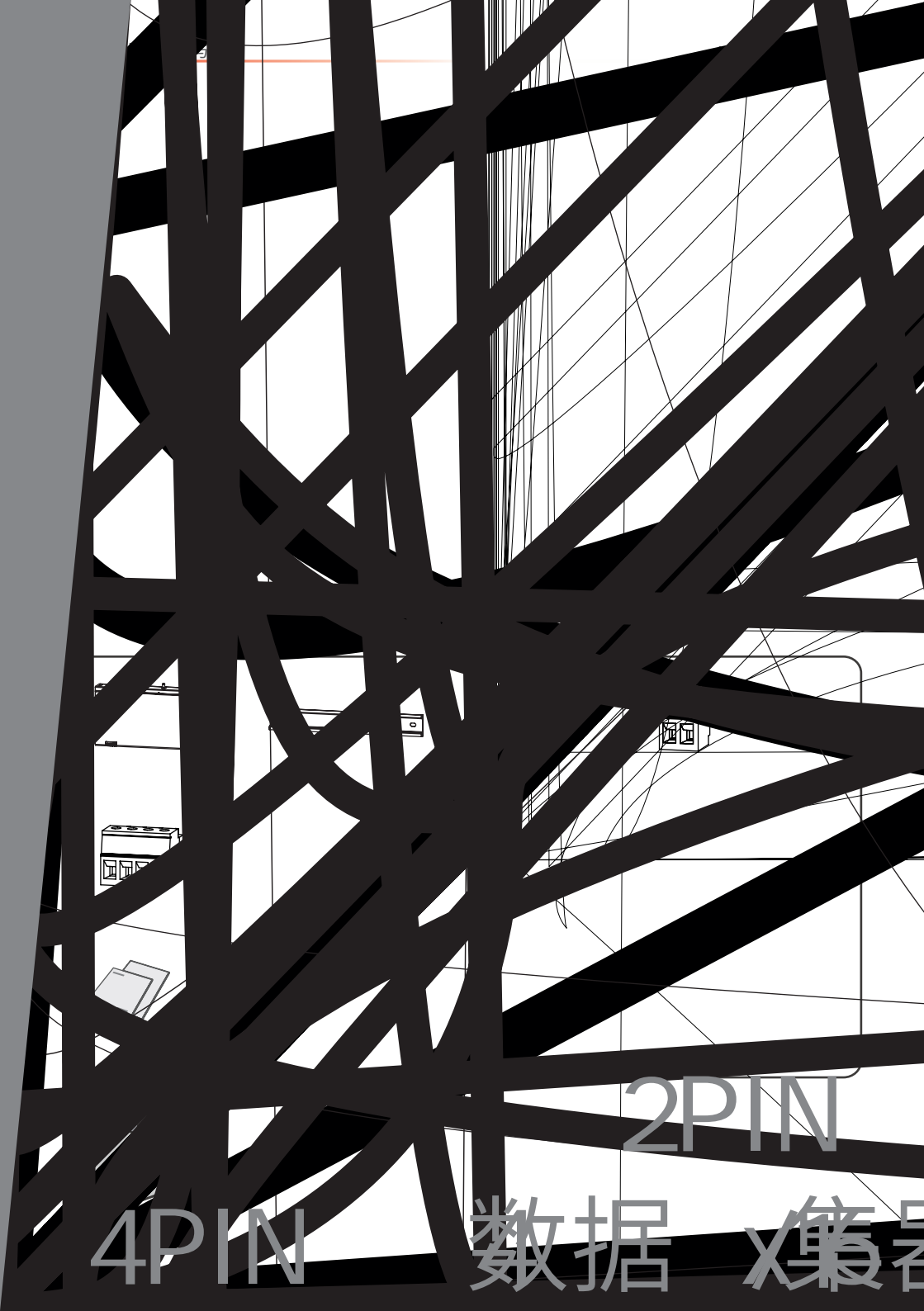
15	DC IN 24V 1.1A	24V
16	WiFi WiFi ANT	WiFi WiFi2.4G
17	4G 4G ANT	4G
18	SIM SIM	SIM
19		
20		
21		

3 4



3 5

PWR		
RUN		/
NET		
ALM		



4PIN

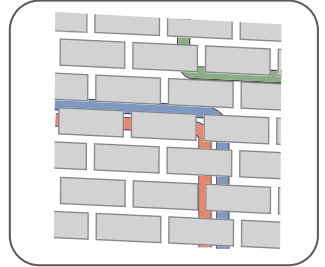
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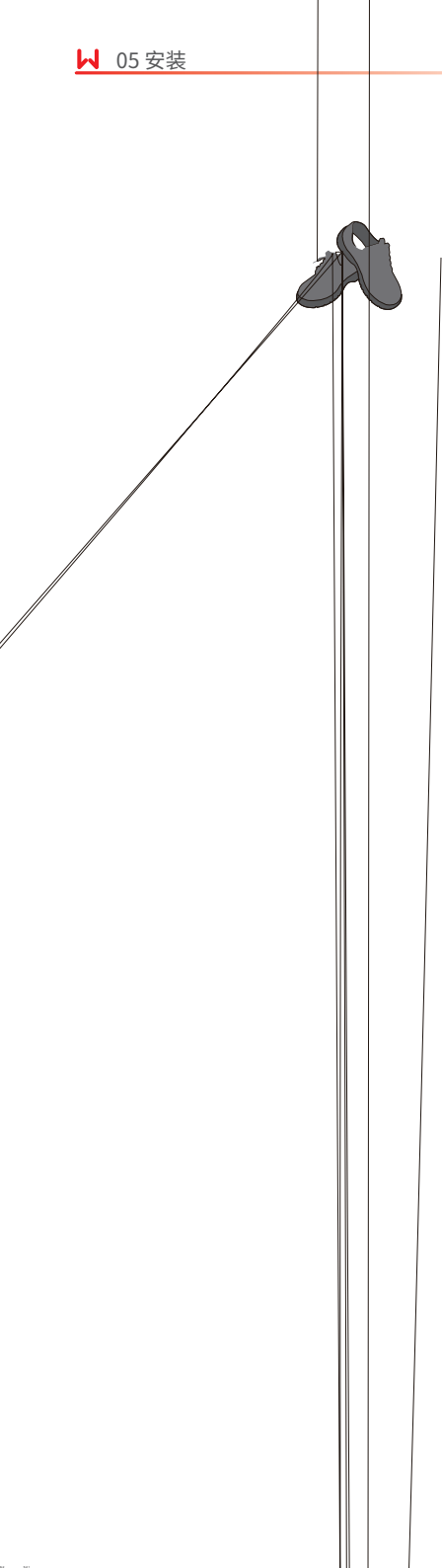
2PIN

5

5.1

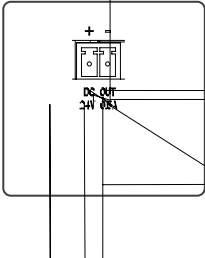
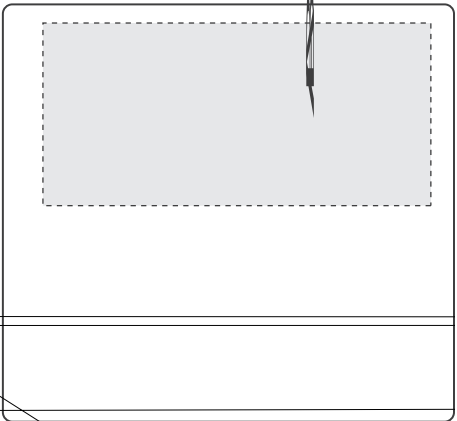
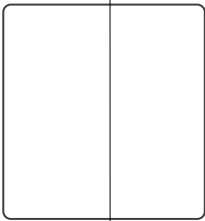
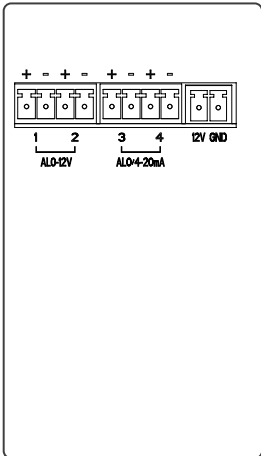
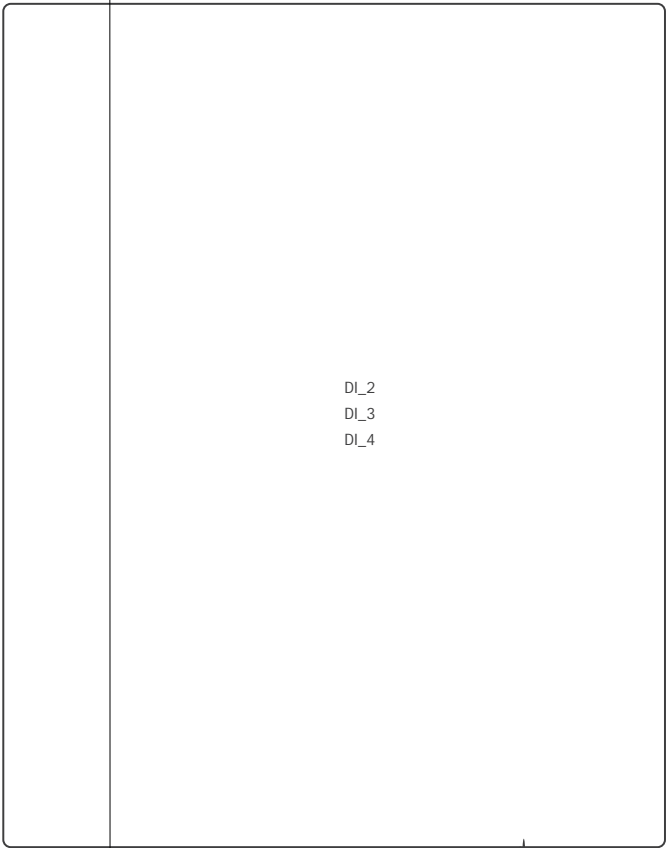
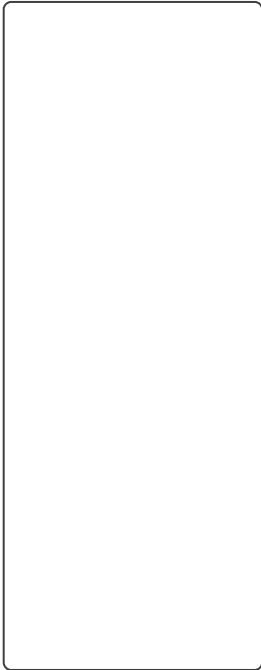
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

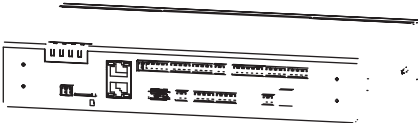






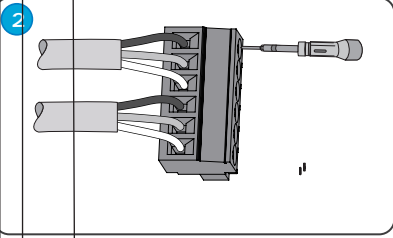
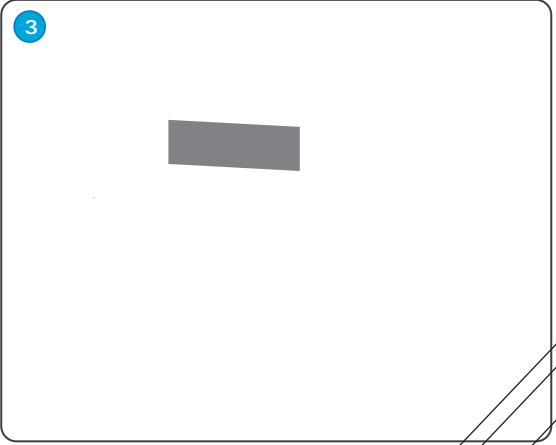
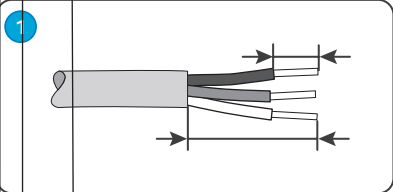


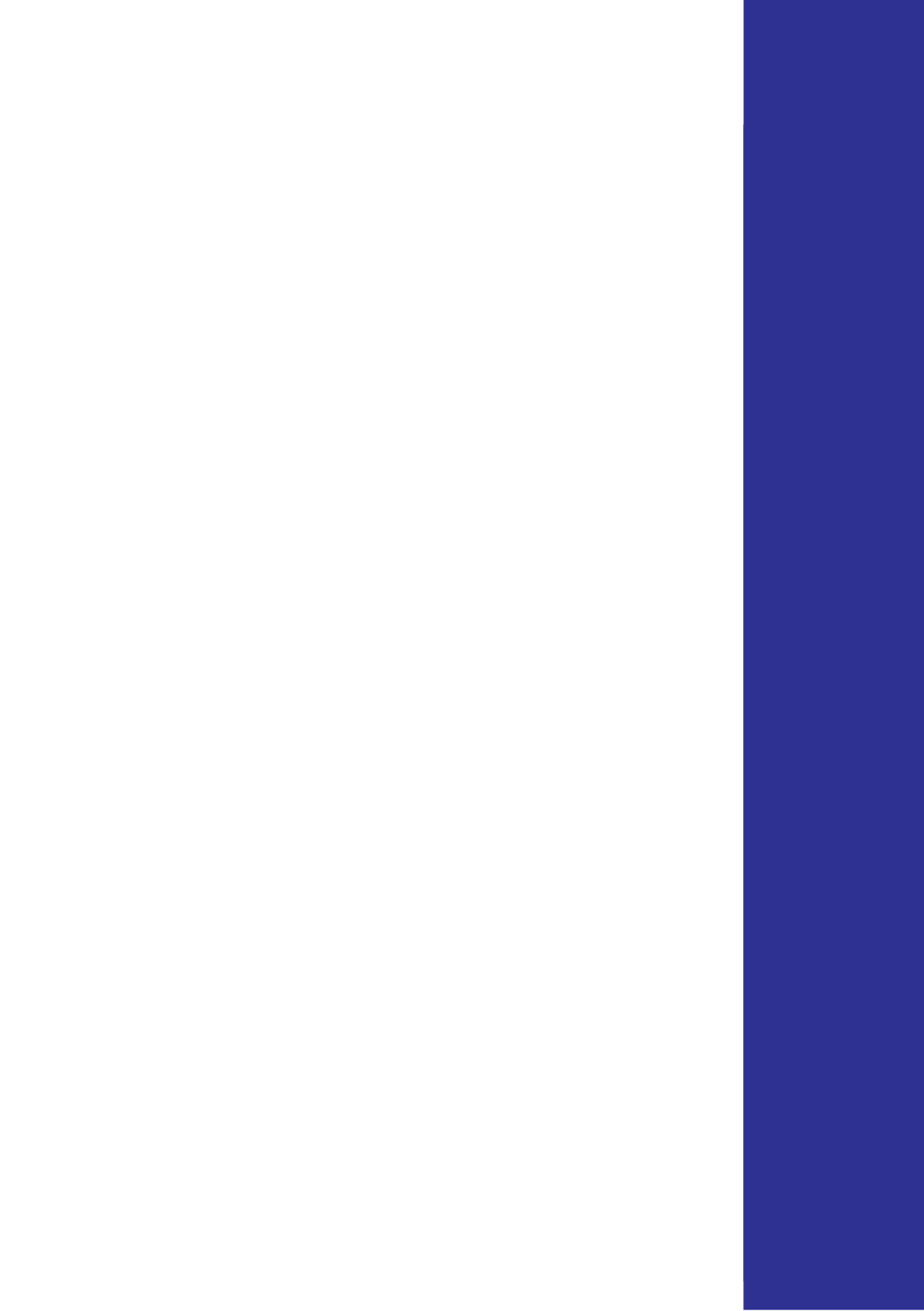




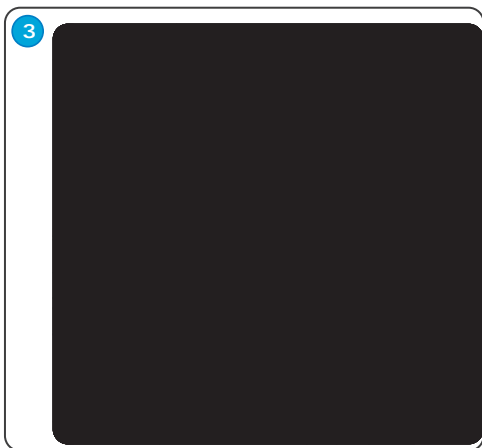
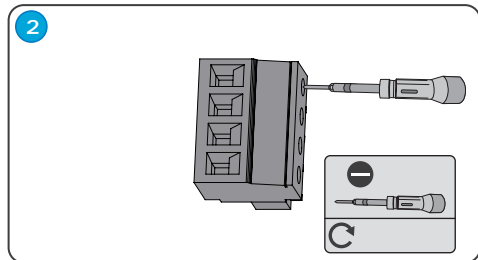
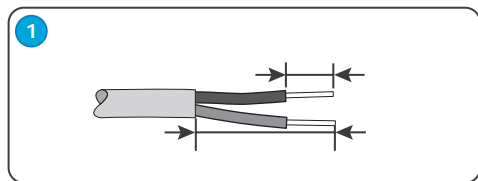


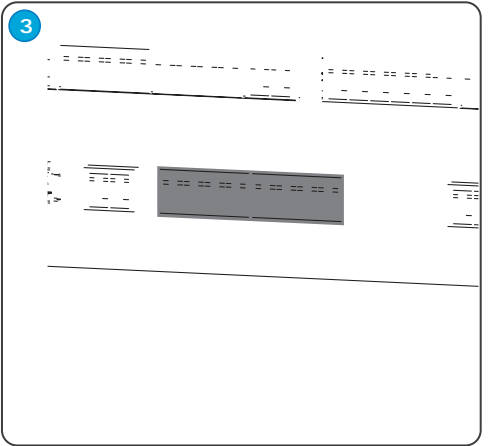
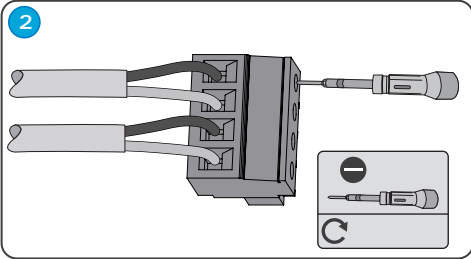
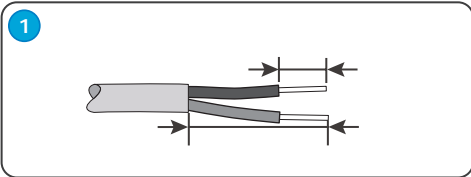
PT100/PT1000





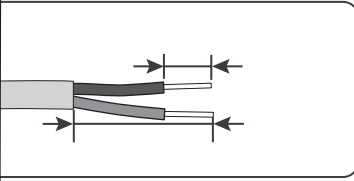




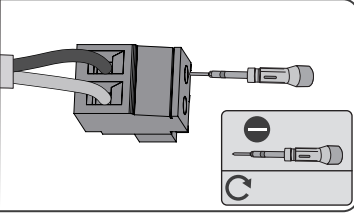


12345678

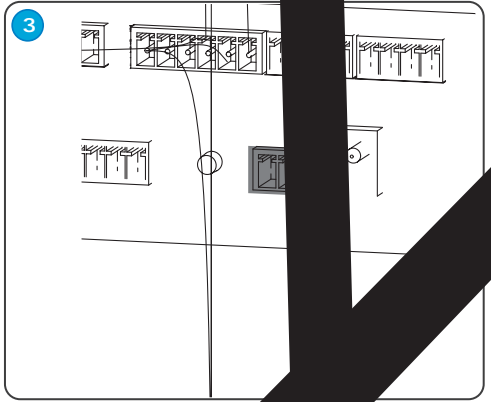
1



2

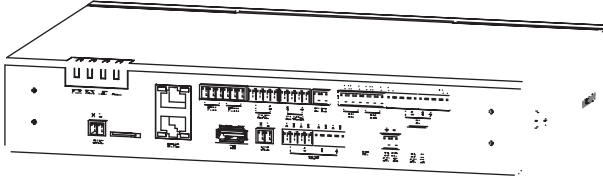


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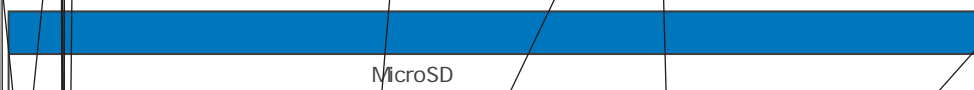


6 13 SIM

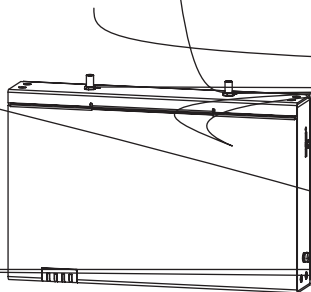
SIM	4G	4G			
SIM			SIM		
			SIM	25mm*15mm	64KB
	200M/	n			200M+30M*n/



6 15 MicroSD





6 16









8

8.1

PWR		

RUN		/

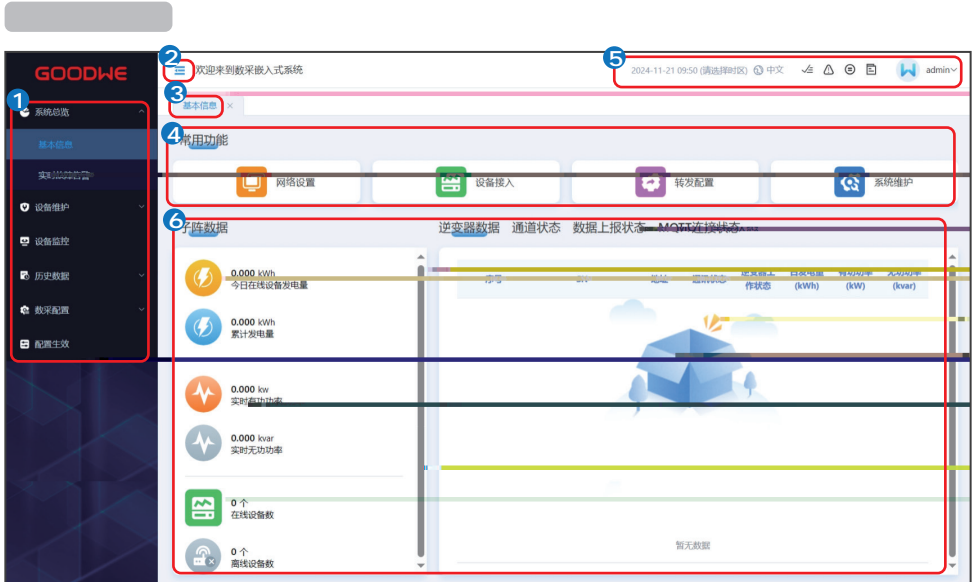
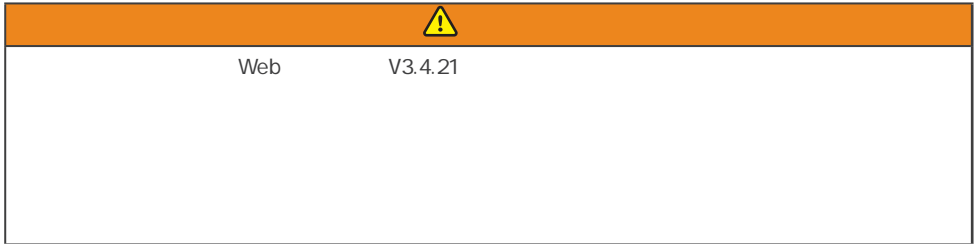
		
NET		
		
		
ALM		
		

RST	
1-3S	
6-20S	

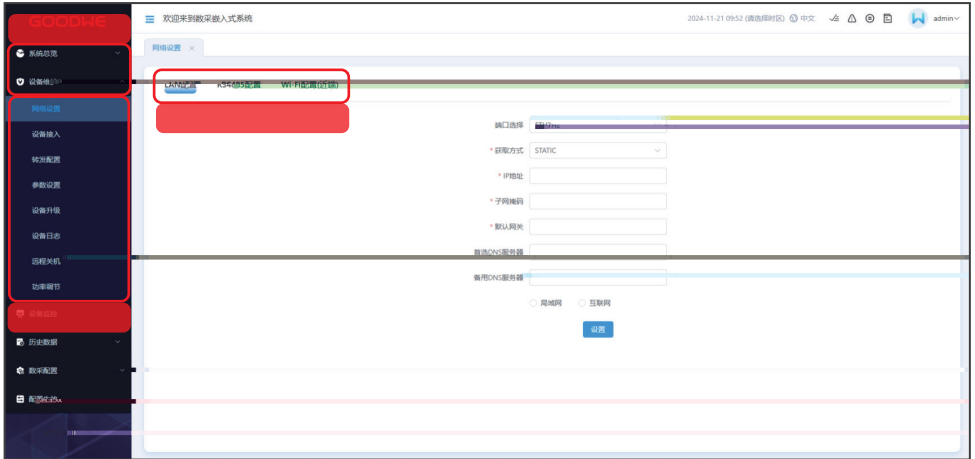
8.2 Web

8.2.1 Web

Web



1		
2		
3		
4		
5		
6		

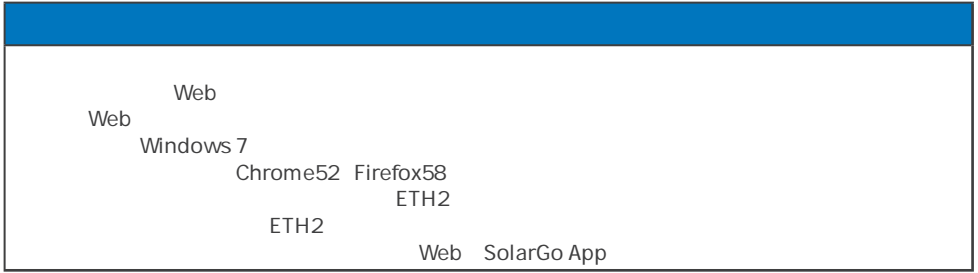


		-	
		-	SN
		LAN	LAN
		4G	4G
		RS485	RS485 RS485 RS485 RS485 300 1200 2400 4800 9600 19200
		WiFi	
		-	
		IEC104	IEC
		Modbus-TCP	Modbus-TCP
		IEEE2030.5	IEEE2030.5
		Email	Email
		SFTP	SFTP
		CT	



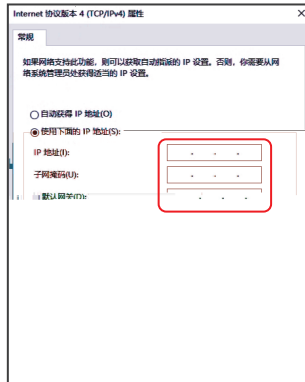
		-	
		OVGR&RPR	OVGR&RPR
		DRED	DRM
		RCR	RCR
		DER_AVM	DER_AVM
		-	
		-	
		-	
		-	
		IEC104	IEC104
		-	
		-	
		-	
		-	
		-	SN Web
	-	-	

8 2 2 Web



IP Web

- 1 ETH2
- 2 Internet>
- IP



	IP		
1	IP	172.18.0.12	172.18.0.22
2		255.255.255.0	255.255.255.0
3		172.18.0.1	172.18.0.1

- 3 <https://172.18.0.12:443>
- 4 Web



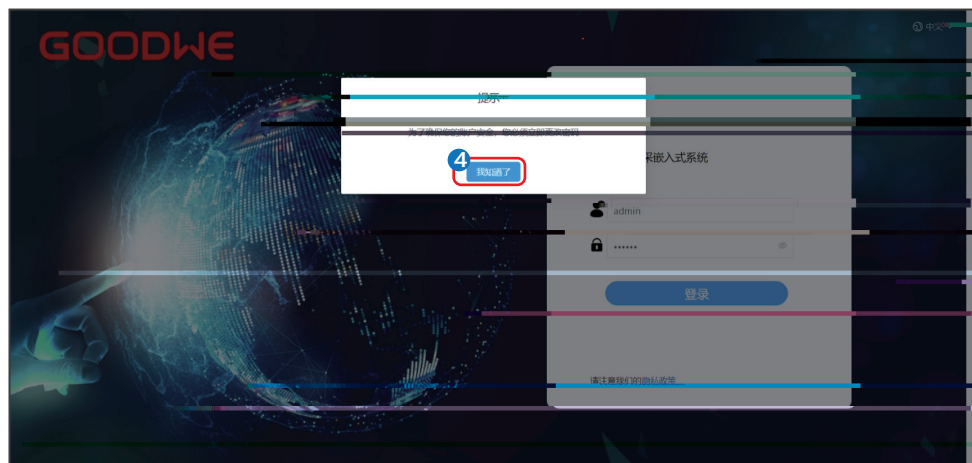


IP Web

- 1
- 2 IP
- 3 https://172.180.12.443

WiFi Web

- 1 WiFi Log-*** ** WiFi 12345678
- 2 https://172.180.12.443
- 3 Web

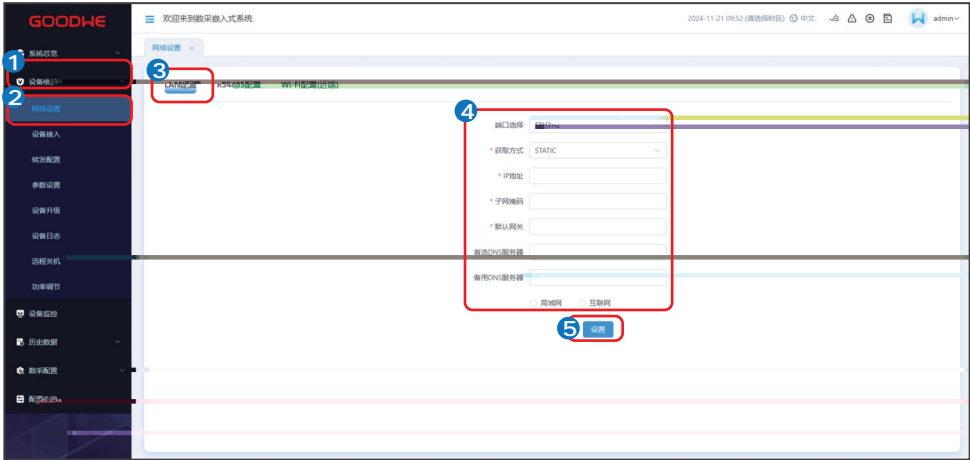




823

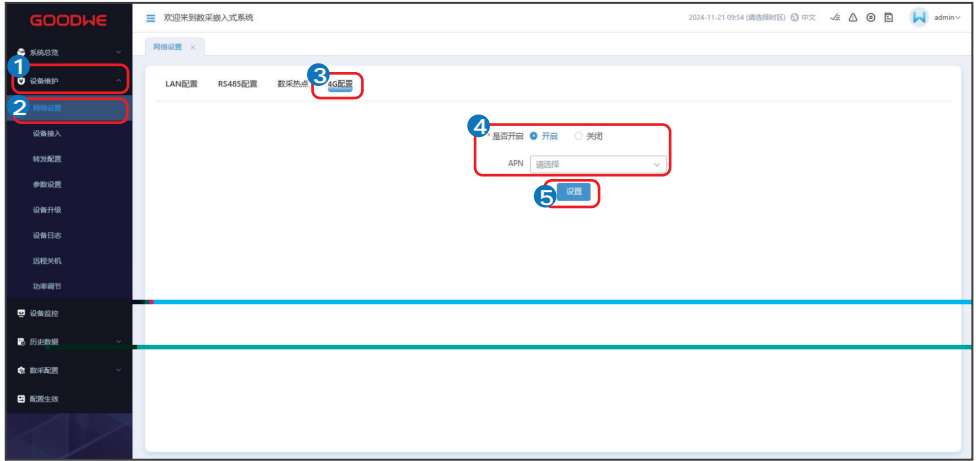


LAN



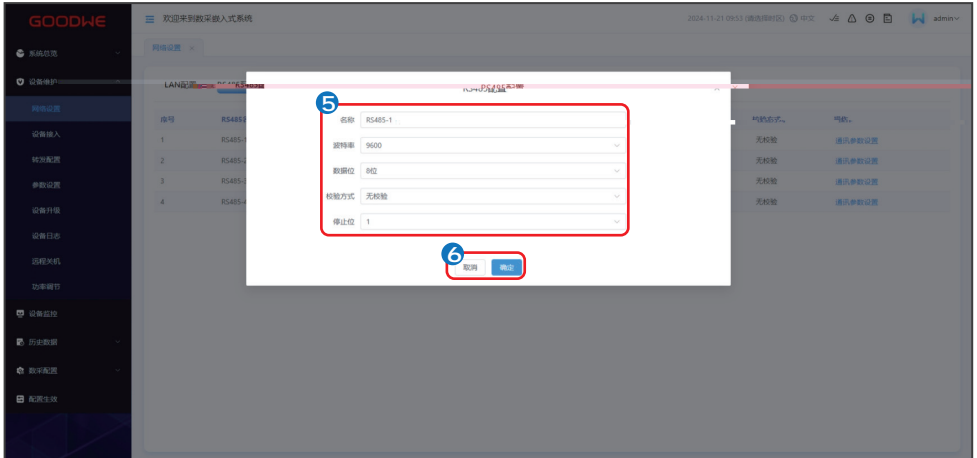
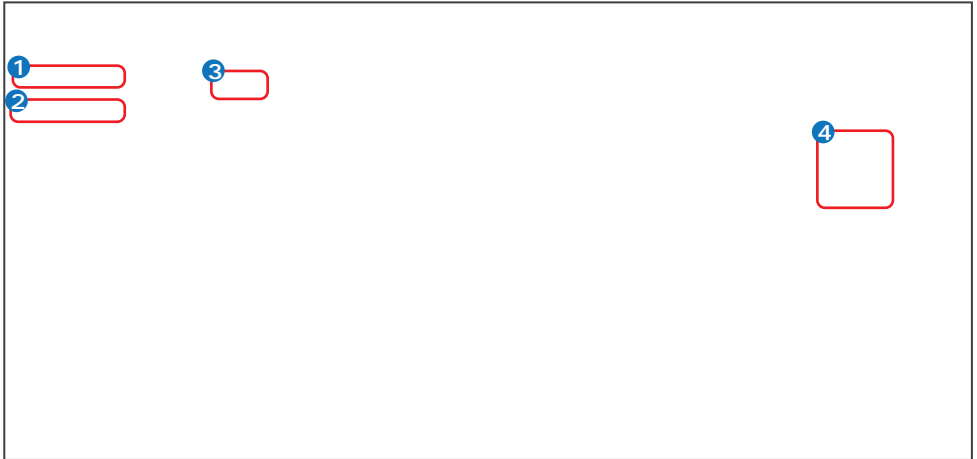
					ETH1 ETH2
		STATIC DHCP		IP	
IP			IP		IP IP
DNS		IP			
DNS		DNS			DNS
/					

4G



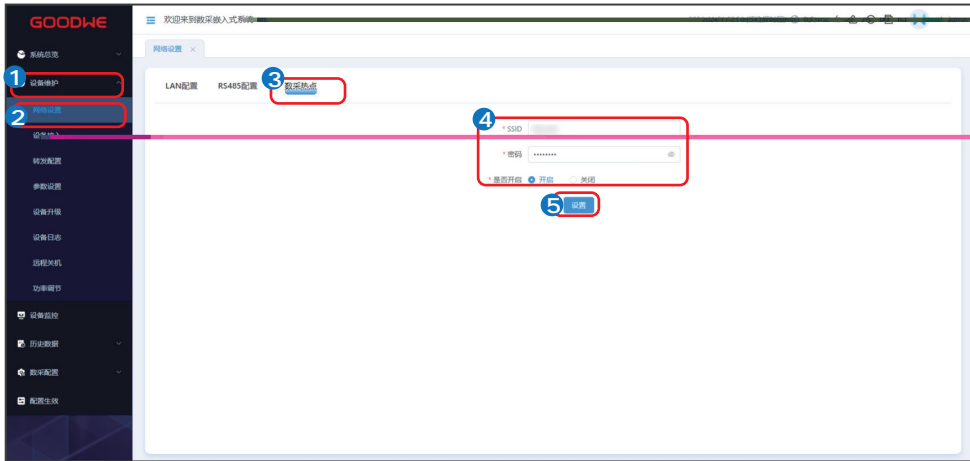
	4G	4G
APN		

RS485



		RS485			
					300 1200 2400 4800 9600 19200
		7	8		
				0	1
					1 1.5 2

WiFi	Web	SolarGo App	WiFi
SSID	SSID	Web	App



	WiFi	Log-***
SSID	WiFi	12345678
	WiFi	

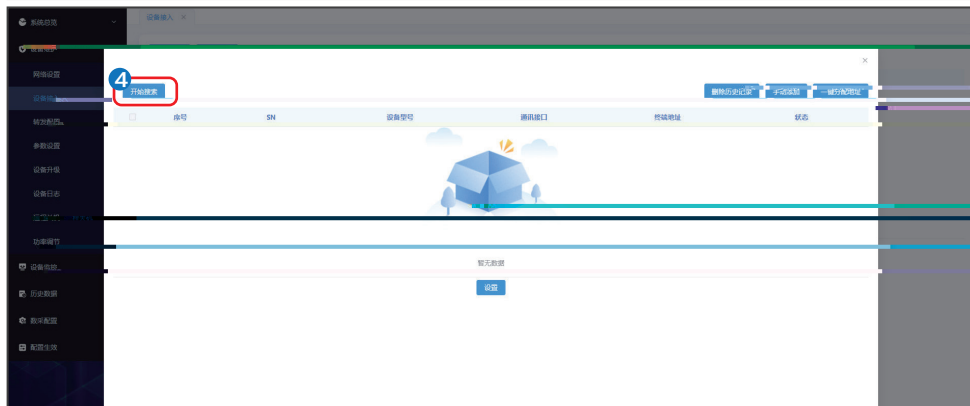
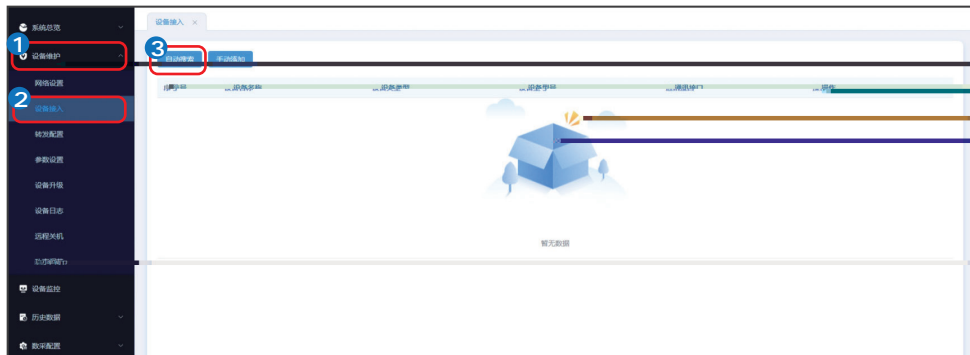


824
8241

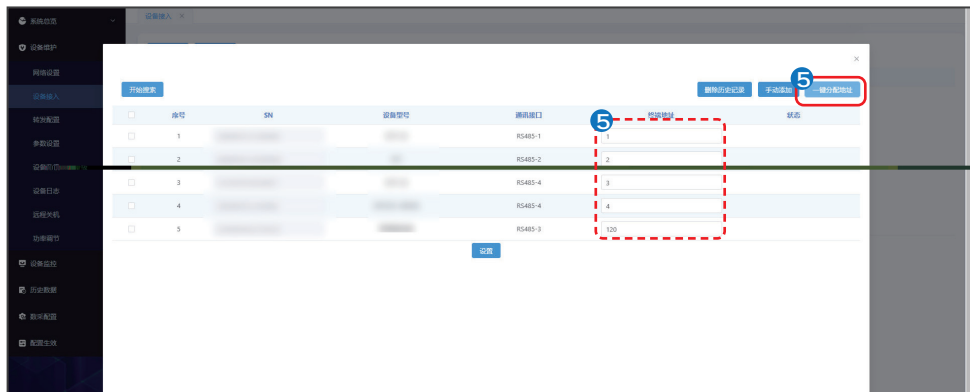


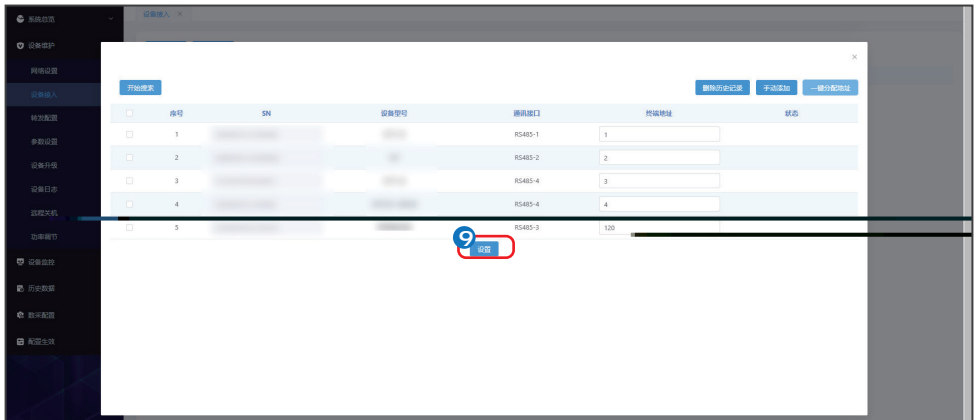
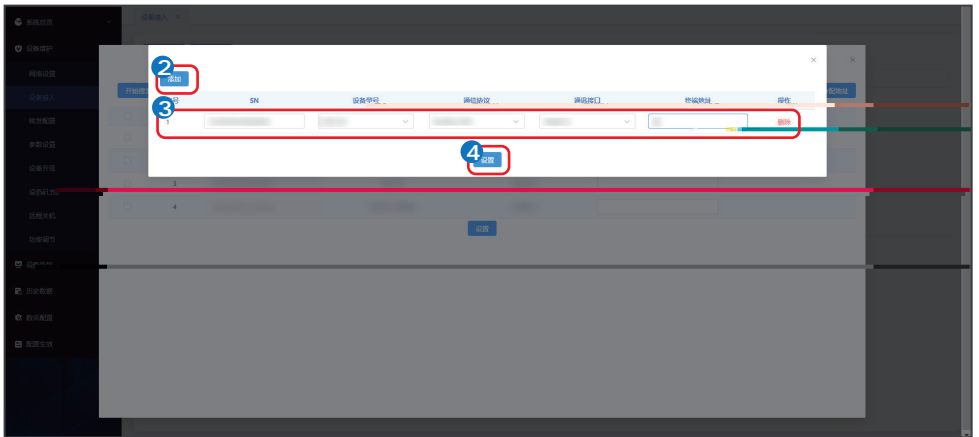
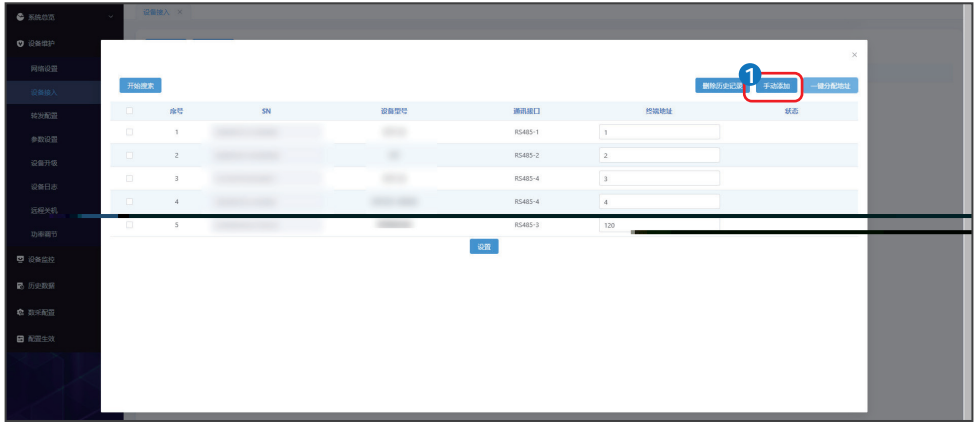
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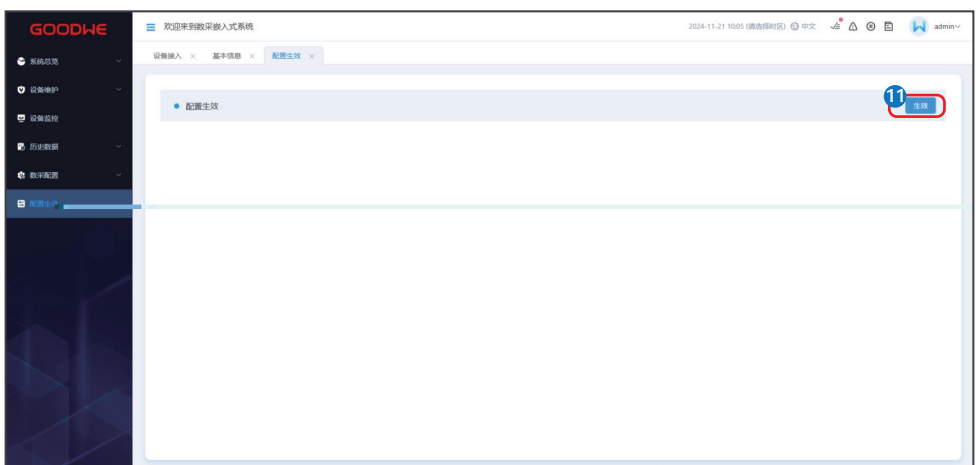
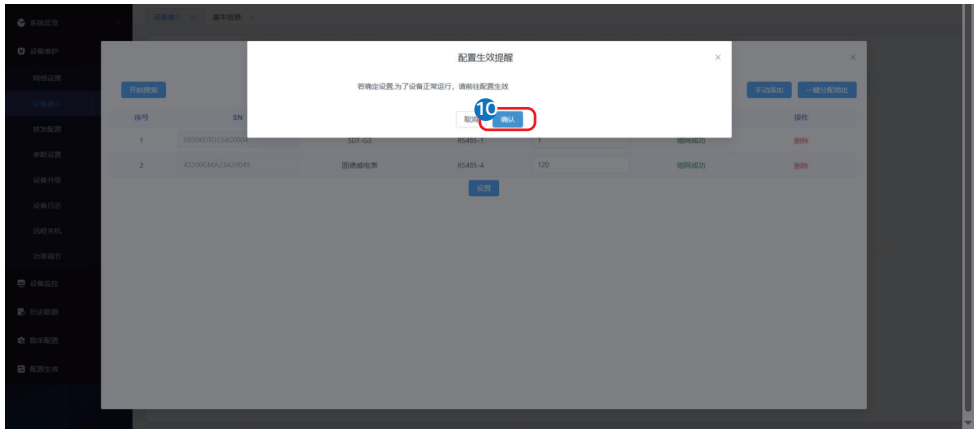
RS485



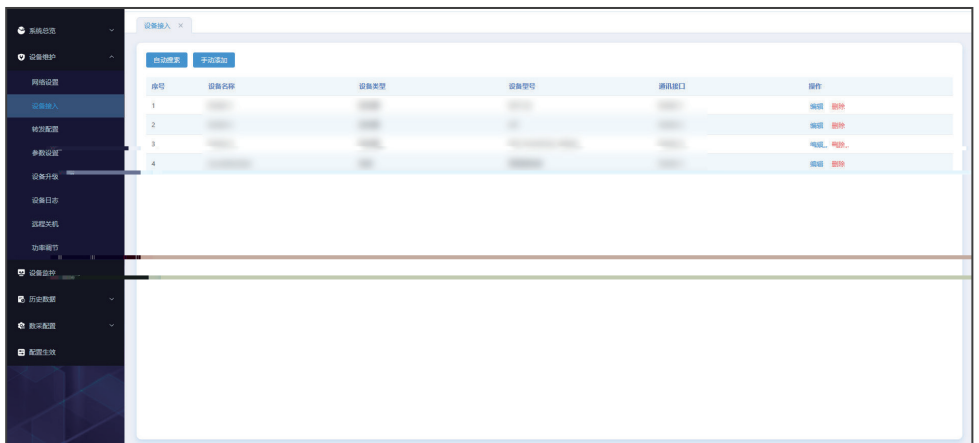
2







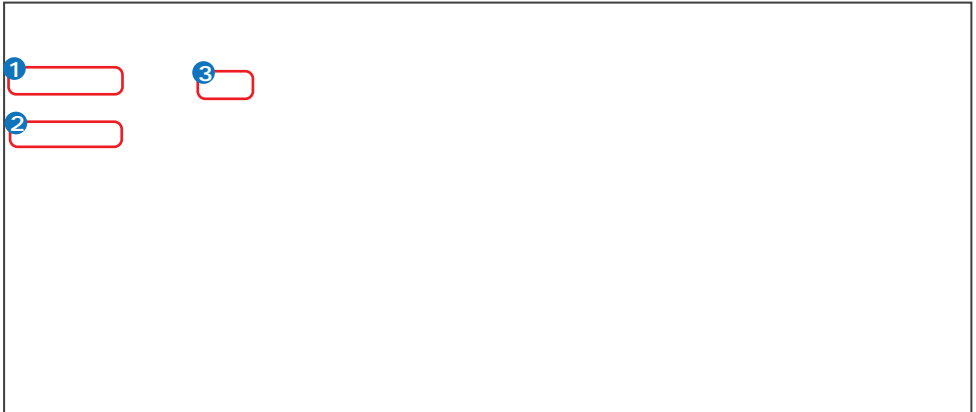
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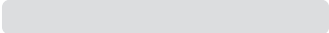


8 2 4 2

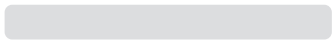


1





	Modbus-RTU
	RS485-1 RS485-2 RS485-3 RS485-4
	HT 225-250kW GT HT 100-136kW RS485 UT SMT-US SDT-G3 SDT-G2 SMT 25-60kW SMT 80kW
	SolarGo app 8

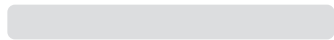
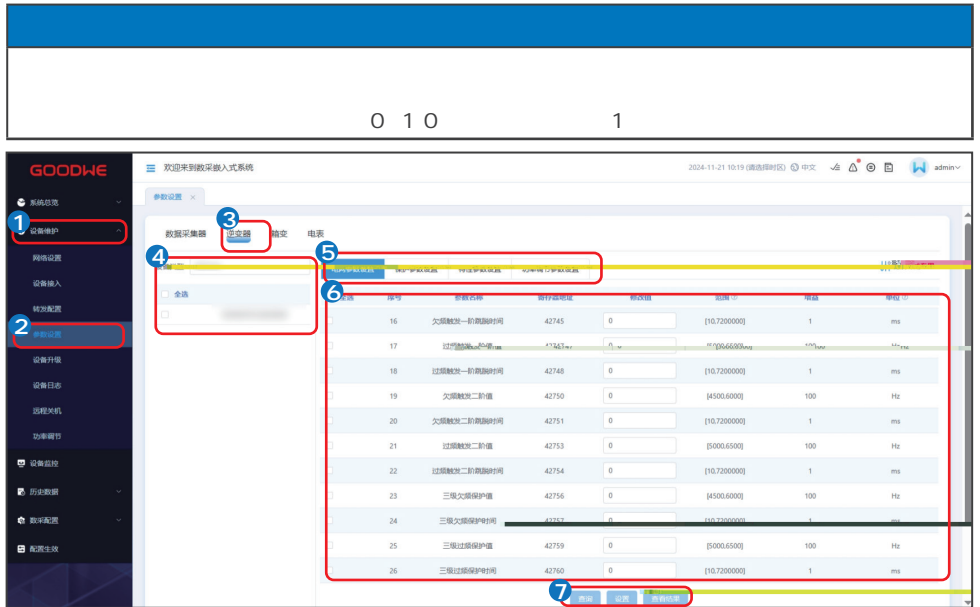


	Modbus-RTU Modbus-TCP GW-XPB
Modbus-RTU	
	RS485-1 RS485-2 RS485-3 RS485-4
IEC104	
Modbus-TCP	
Modbus-TCP	
	Modbus-TCP
	UDP TCPClient TCPServer
IP	IP
	502
IP	IP
	Q
	RS485-3 RS485-4

RS485

825

826

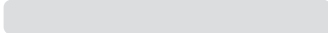


		/	
		0	N
		(3W/PE) 1	(3W/N/PE)
mppt	1		MPPT
0.1%			
	(PF)		
	(Q/S)		
(0.1%)			

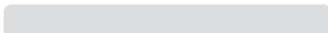


N (0.1%)	N
N	N
N (0.1%)	N
N	N
10min (0.1%)	10
10min	10
N	N
N	N
N	N
N	N
	/
	/
	/
	/
0.1%Pn/min	
	/
	/
	/
	/
0.1%Pn/min	10 10%P/Srated%%
n	
n	
K	
	/ 10%

n	
n	
K	
	/
	10%
	0 1 2
	0 1 2 3
	0 1 2 3
N	_UFn
N	_UTn
N	_OFn
N	_OTn



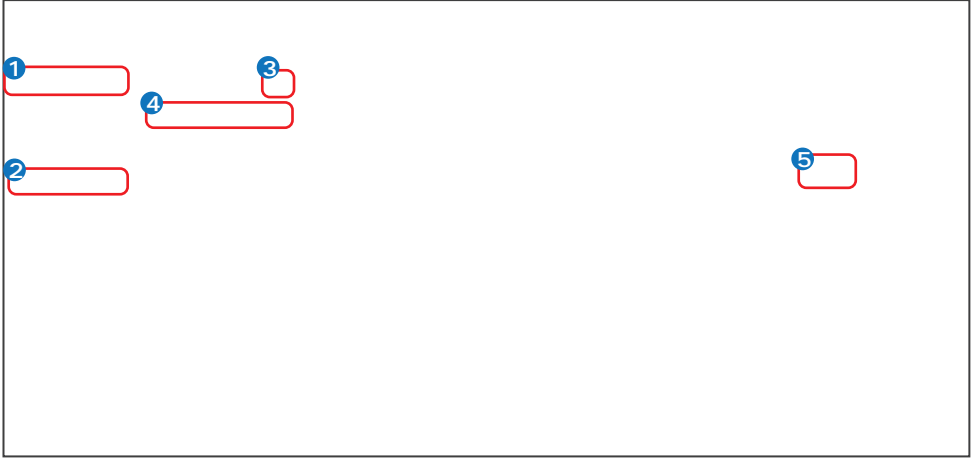
PID	PID
PID	PID
	0 1
MeterCT	CT
ISO	ISO
NPE	N-PE
N-PE	N-PE
	0: 1 2 3
	0: 1 2 3



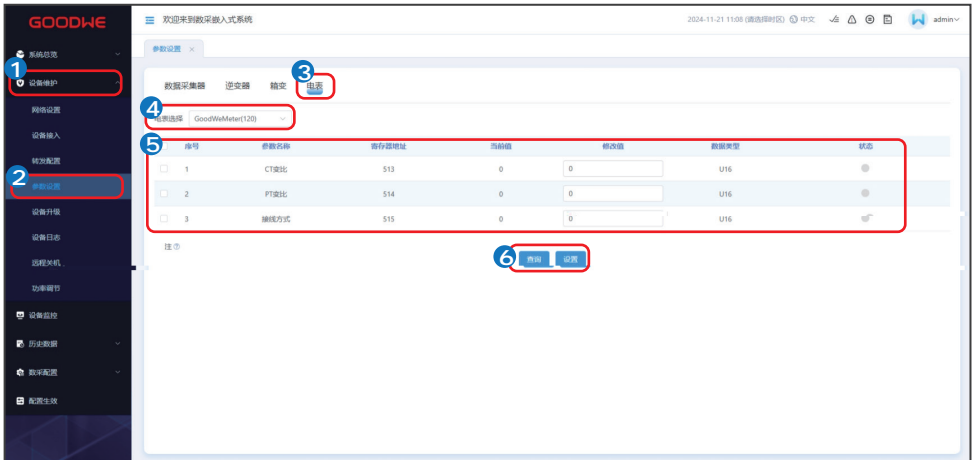
	/
(Slope)	Slope
P(F)	
	/
Slope	Slope

Slope	Slope
(Slope)	Slope
PU	PU
Vn (0.1%)	PU
Vn (0.1%)	PU
PU	PU
PU	PU
PU	PU
QU	QU
Vn (0.1%)	QU
Vn (0.1%)	QU
QU	QU
(0.1%)	QU
(0.1%)	QU
cos (P)	cos (P)
n (0.1%)	cos (P)
n cos (pf,0.001)	cos (P) cos
cos (P)	cos (P)
(0.1%)	cos (P)
(0.1%)	cos (P)
QP	QP
QP Pn	QP
QP Qn	QP
QP	QP

827



828

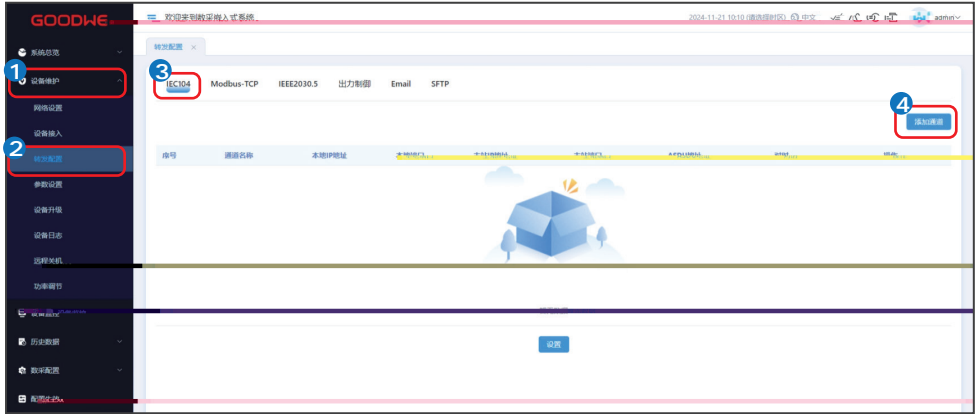


CT	CT
PT	PT

IEC104

IEC104

IEC104

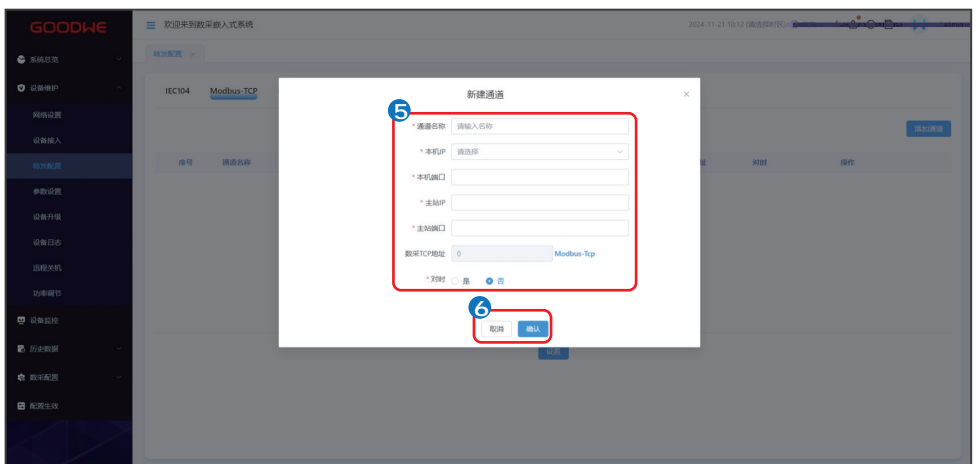
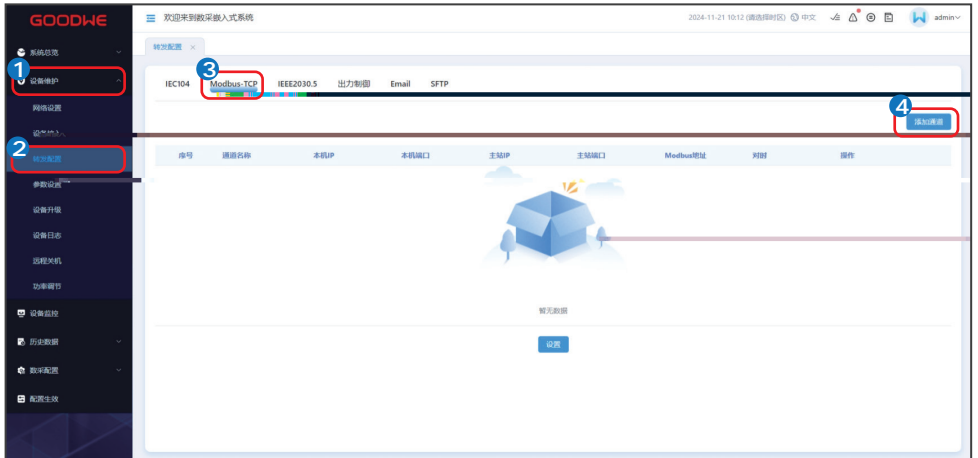


IP		IP	
			2404
IP	IEC104	IP	
	IEC104		0
ASDU			
	ASDU	1	

Modbus-TCP

Modbus-TCP

Modbus-TCP

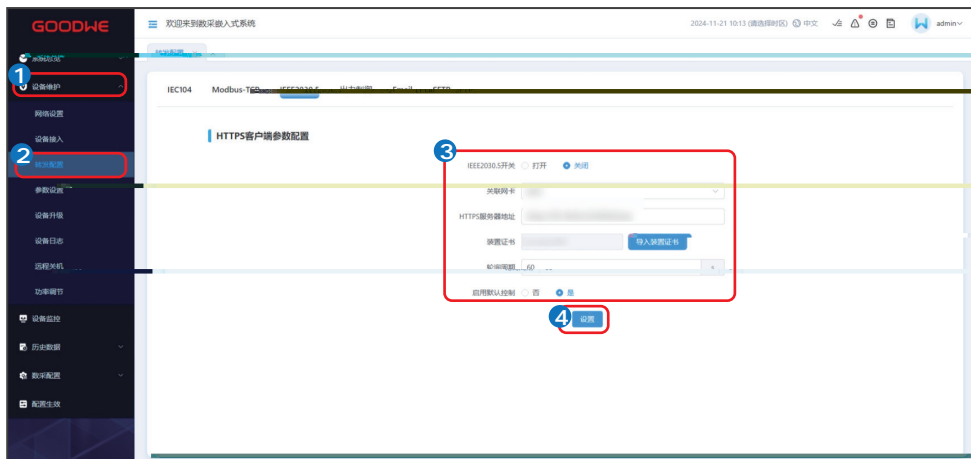


IP	IP
	502
IP	Modbus-TCP IP
	Modbus-TCP
TCP	Modbus-TCP

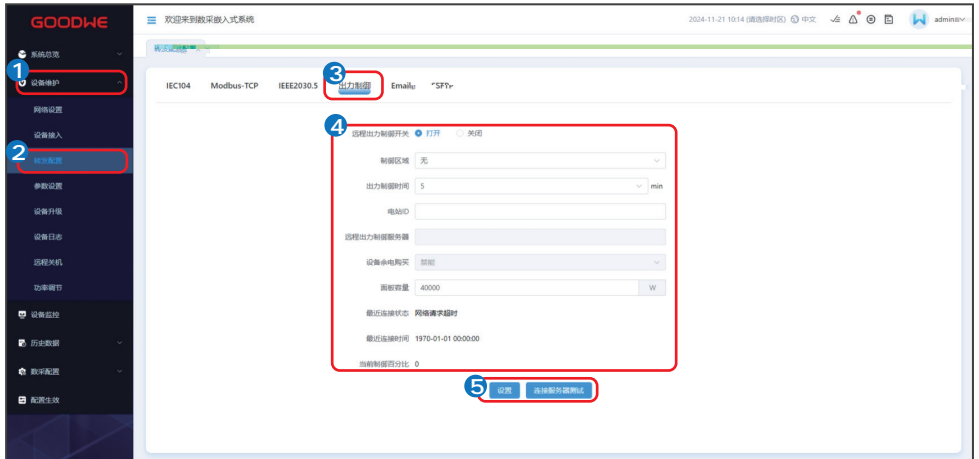
IEEE2030.5

IEEE2030.5

IEEE2030.5



IEEE 2030.5	IEEE 2030.5
	IEEE 2030.5
HTTPS	HTTPS
	IEEE2030.5

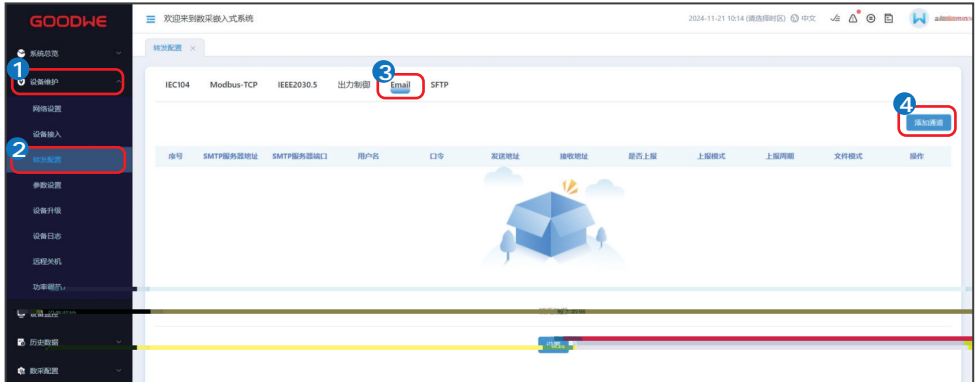


ID	ID

E-mail

Email

126 163 sina



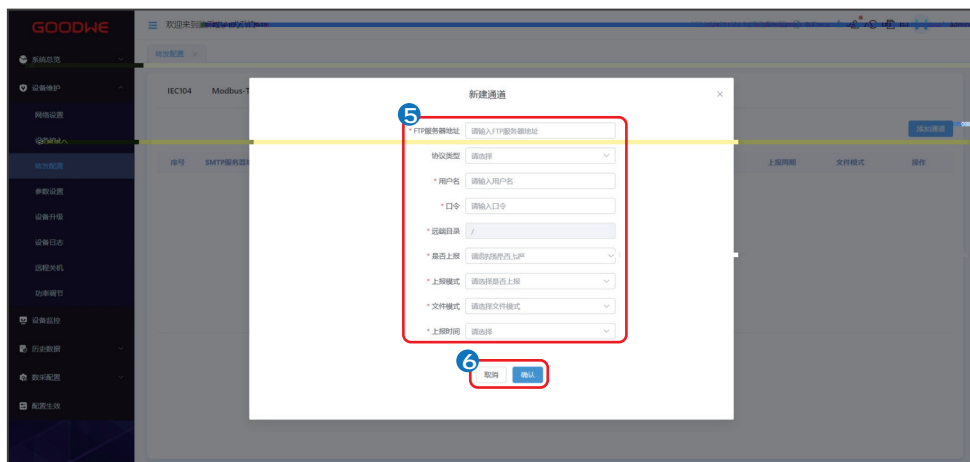
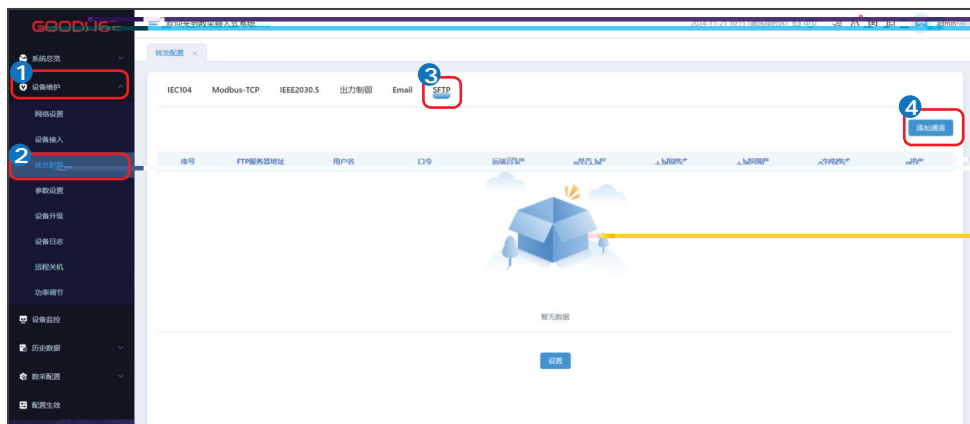
SMTP	SMTP	IP
SSL	SSL	
SMTP		
	SMTP	
	SMTP	



SFTP

SFTP

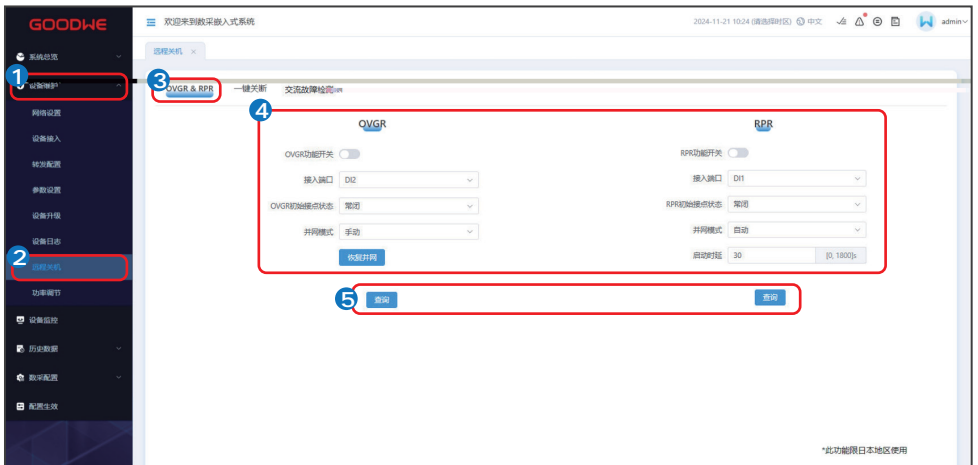
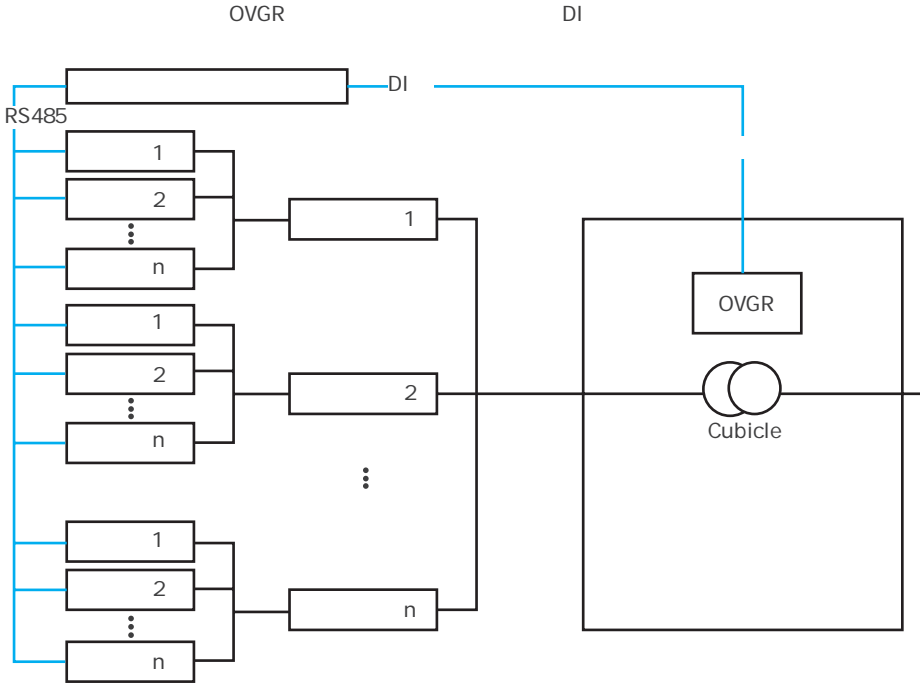
SFTP



FTP	FTP	IP
	FTP	
	FTP	
		FTP

8 2 10

OVGR&RPR





OVGR	
OVGR	OVGR
	D11 D12 D13 D14
OVGR	OVGR
	OVGR
	OVGR
RPR	
RPR	RPR
	D11 D12 D13 D14
RPR	RPR
	RPR
	RPR

12V

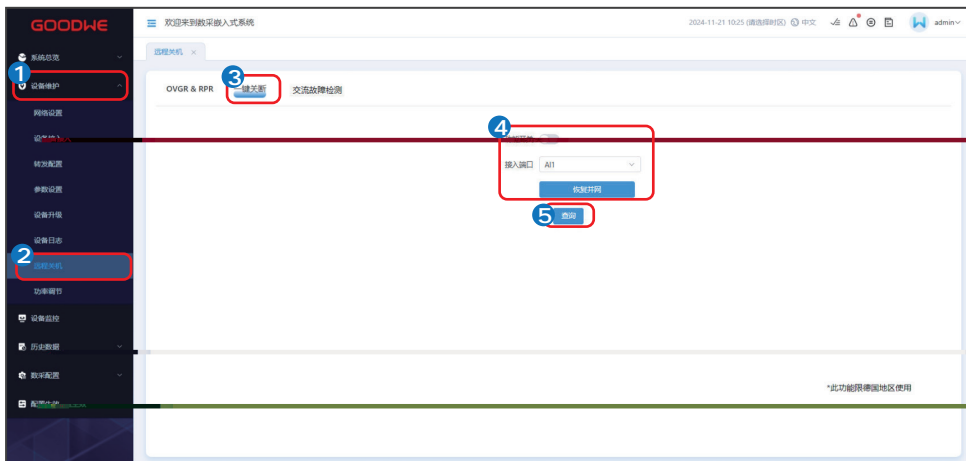
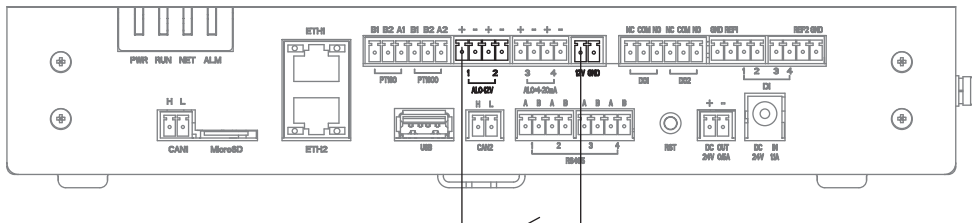
AI1+ AI2+

12V± 10%,

AI1 AI2

AI1 AI2
OV

AI1 AI2



	AI1 AI2

	(5s)
	= +



DRED

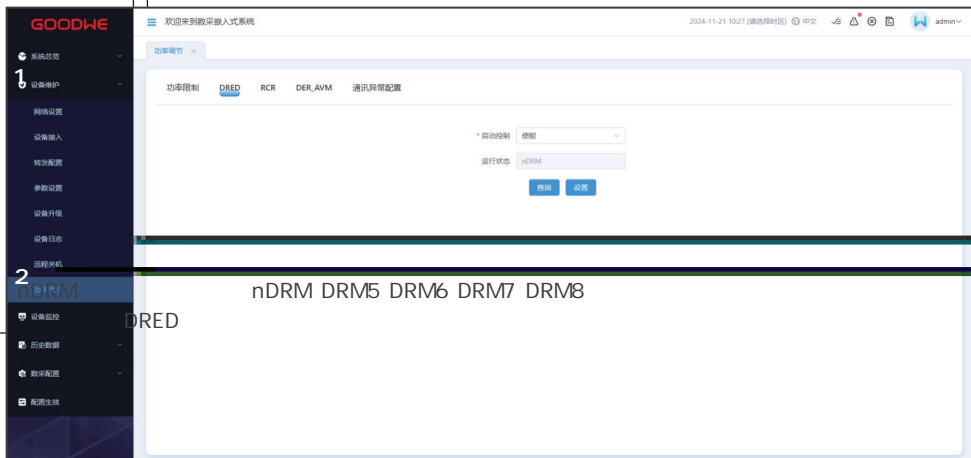
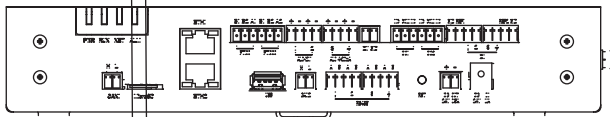
DRM DEMAND RESPONSE MODES

DRM

DRED Demand Response Enabling Device

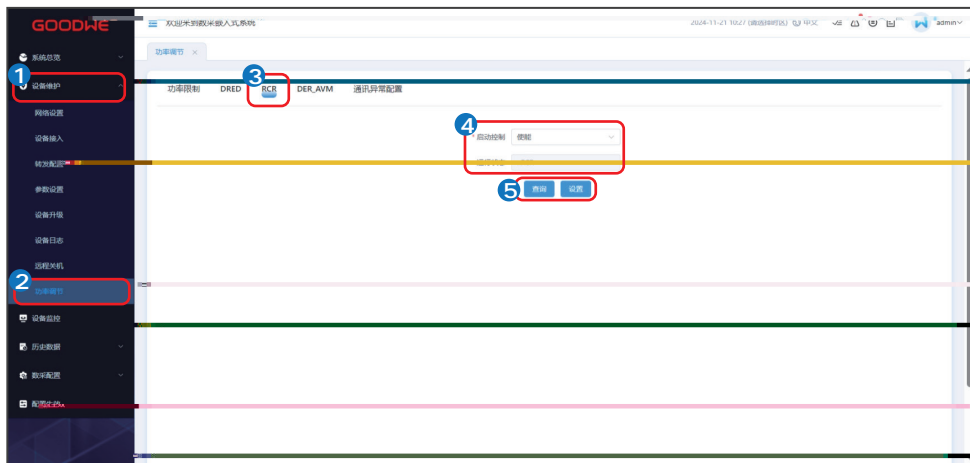
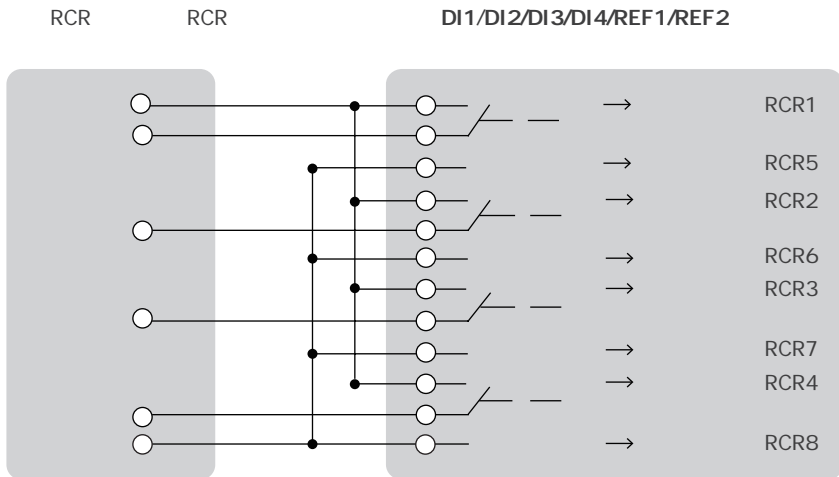
DI1/DI2/
DI3/DI4/REF1/REF2

DI3/DI4/REF1/REF2



RCR

RCR Ripple Control Receiver



	RCR	
RCR7 RCR8 nRCR		nRCR RCR1 RCR2 RCR3 RCR4 RCR5 RCR6

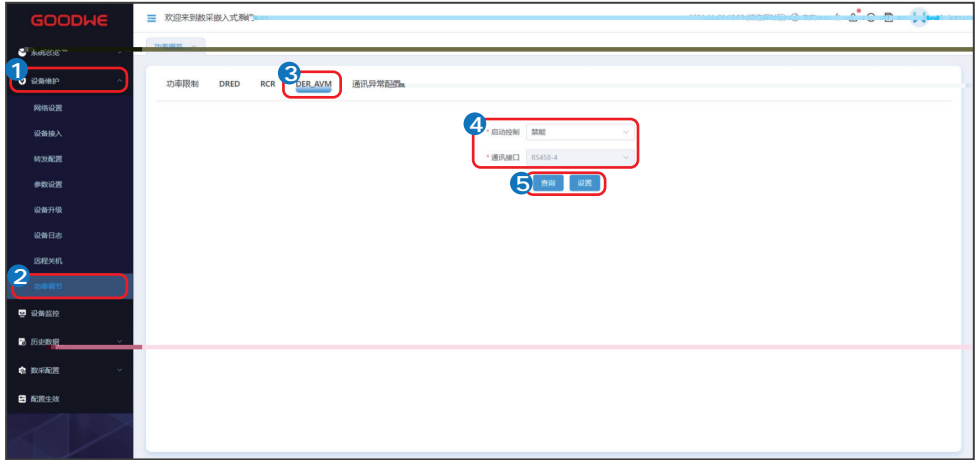


DER_AVM

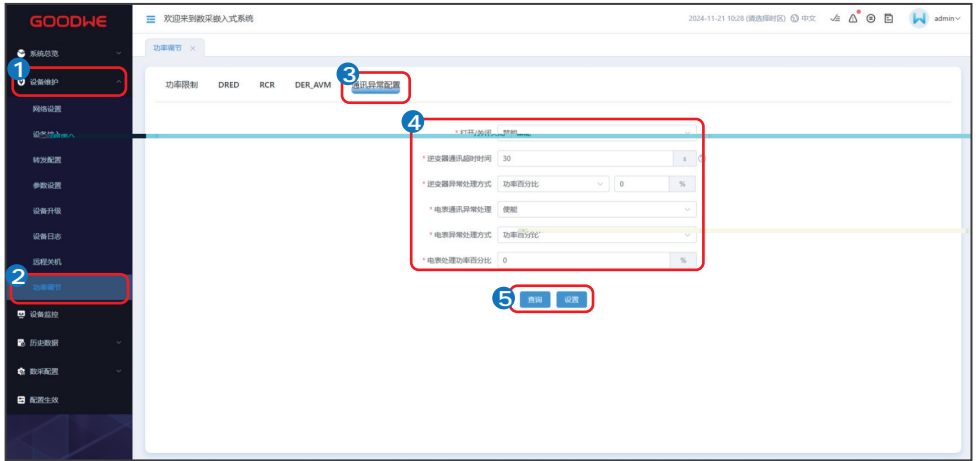
DER_AVM

DER_AVM
KDN

RS485-4



	DER_AVM
	RS485-4



/	



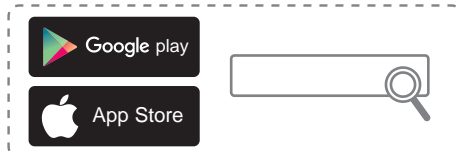
8 3 SolarGo App

8 3 1 App

4.3 iOS 9.0
Internet

WLAN/

Google Play Android App Store iOS SolarGo



SolarGo App

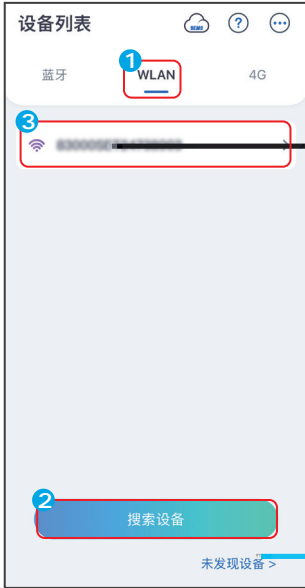


SolarGo App

8 3 2 App

	WiFi				
	SolarGo App	WiFi	V5.9.0	Web	SolarGo App

- 1 WiFi WiFi WiFi Log_*** **
- 2 SolarGo App 12345678 WLAN
- 3 App admin 123456





8 3 3 App



1	
2	
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7	
8	DRED RCR
9	

834

8341



1 >

2

RS485

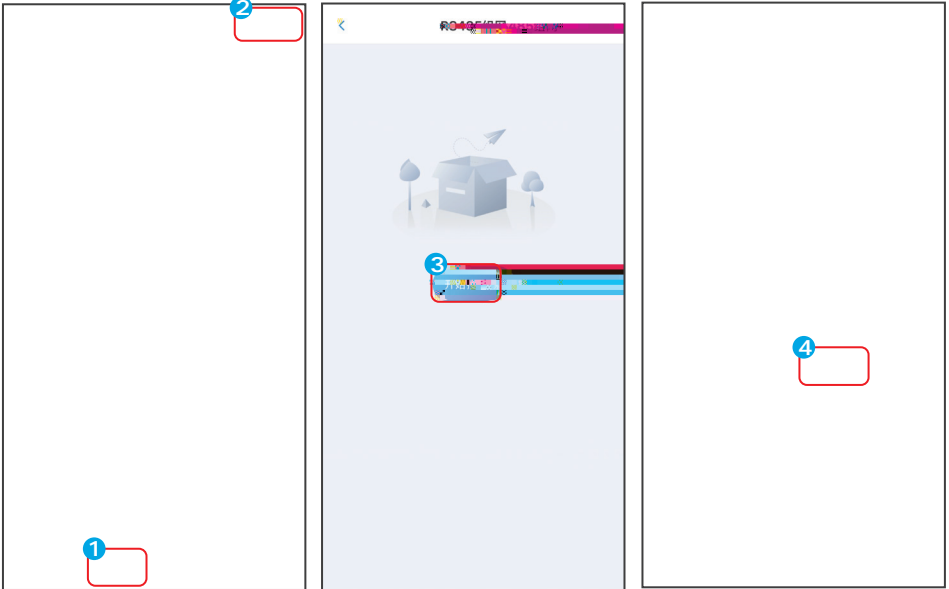
3

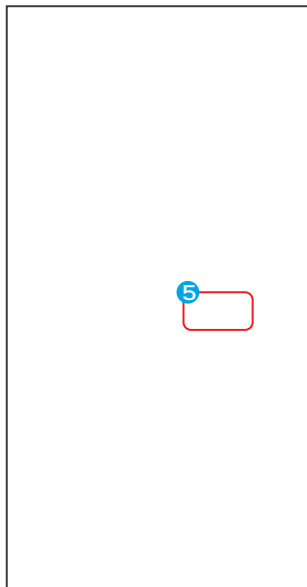
4 RS485

>

>

>

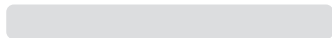
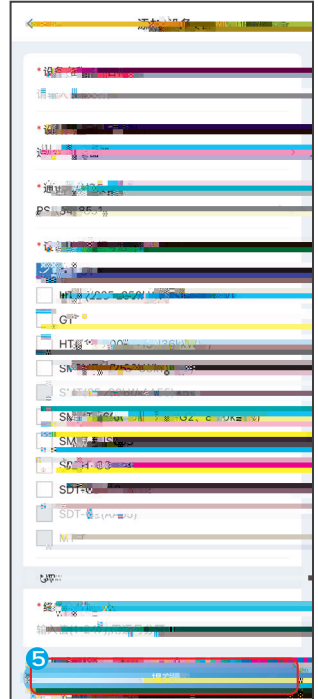
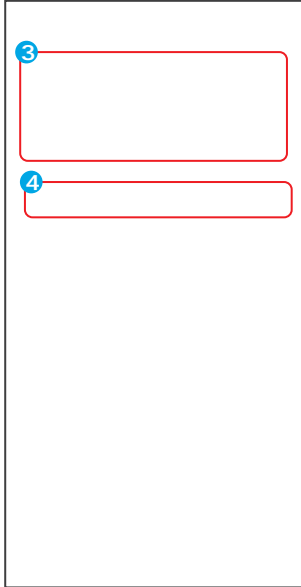




8342

SN

- 1 >
- 2
- 3



	Modbus-RTU			
	RS485-3	RS485-4	RS485-1	RS485-2
	HT 225~250kW SMT-US SDT-G3	GT HT 100-136kW SDT-G2	RS485 SMT 25~60kW	UT SMT 80kW
	SolarGo app			

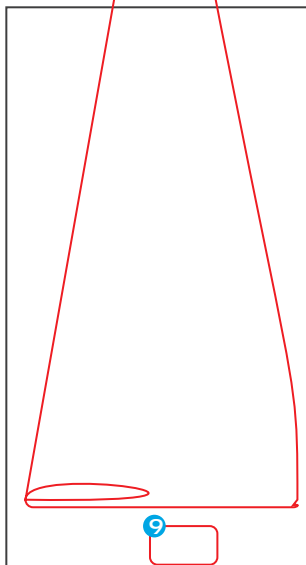
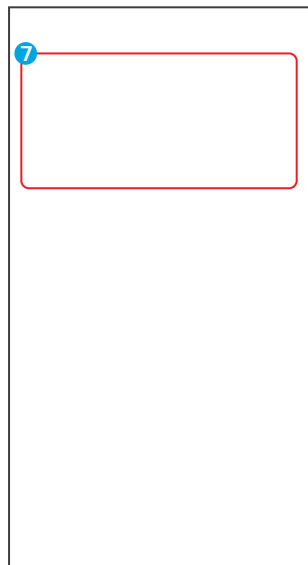
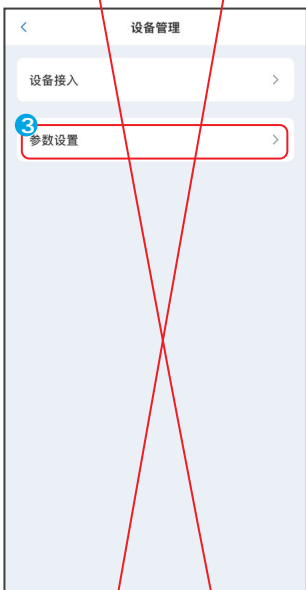


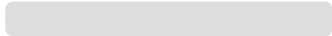
	Modbus-RTU
	RS485-1 RS485-2
	RS485-3 RS485-4
	Modbus-RTU GM330 Schneider-EM3255 Janitza-UMG604 PRISMA-310A Lite/ 310A* MIKRO-DPM680 Mitsubishi-ME110SS IRA 2.0-Bf Acrel-DTSD1352-CT
	GM330 -EM3255



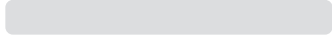
835

- 1 >
- 2
- 3





		/
	0	N (3W/PE) 1 (3W/N/PE)
mppt	1	MPPT
0.1%		
	(PF)	
	(Q/S)	
(0.1%)		



N	(0.1%)	N
N		N
N	(0.1%)	N
N		N
10min	(0.1%)	10
10min		10
N		N
N		N
N		N
N		N
		/
		/
		/
		/

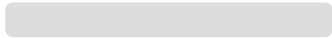


0.1%Pn/min	
	/
	/
	/
	/
0.1%Pn/min	10 10%P/Srated%%
n	
n	
K	
	/ 10%
n	
n	
K	
	/ 10%
	0 1 2
	0 1 2 3

	0 1 2 3
N	_UFn
N	_UTn
N	_OFn
N	_OTn



PID	PID
PID	PID
	0 1
MeterCT	CT
ISO	ISO
NPE	N-PE
N-PE	N-PE
	0: 1 2 3
	0: 1 2 3



	/
(Slope)	Slope
P(F)	
	/
Slope	Slope
Slope	Slope
(Slope)	Slope
PU	PU
Vn (0.1%)	PU
Vn (0.1%)	PU
PU	PU
PU	PU
PU	PU
QU	QU
Vn (0.1%)	QU
Vn (0.1%)	QU
QU	QU
(0.1%)	QU
(0.1%)	QU
cos (P)	cos (P)
n (0.1%)	cos (P)
n cos (pf,0.001)	cos (P) cos
cos (P)	cos (P)

(0.1%)	cos (P)
(0.1%)	cos (P)
QP	QP
QP Pn	QP
QP Qn	QP
QP	QP

836

- 1
- 2
- 3

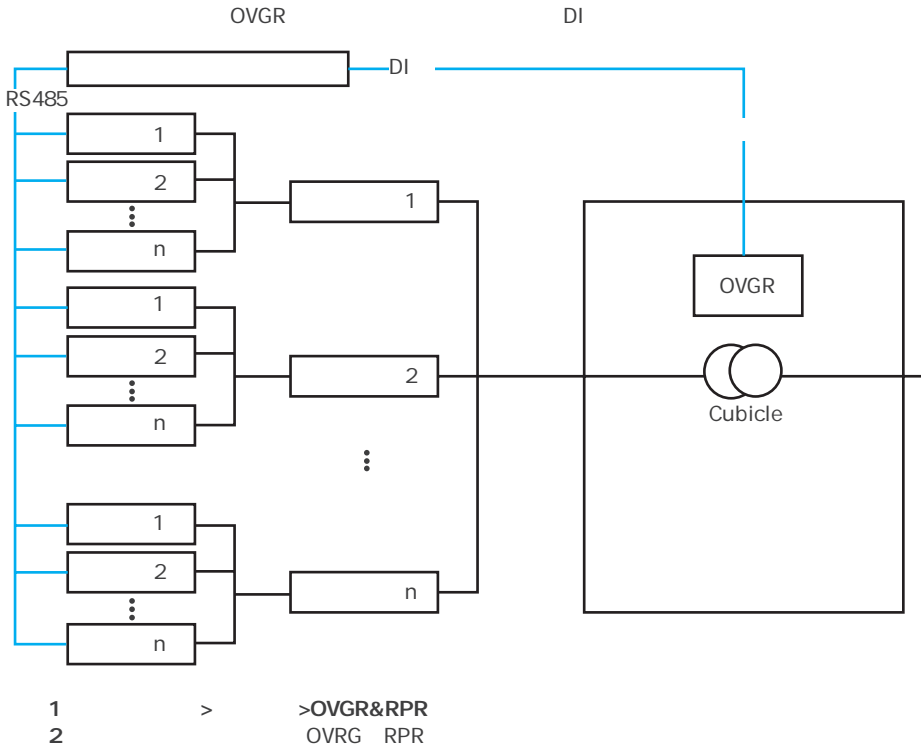


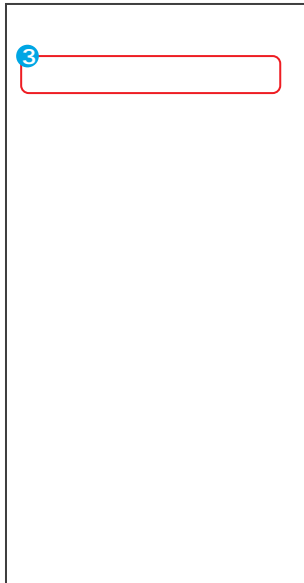
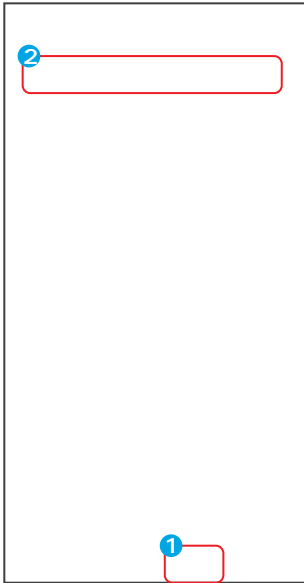
CT	CT
PT	PT

837

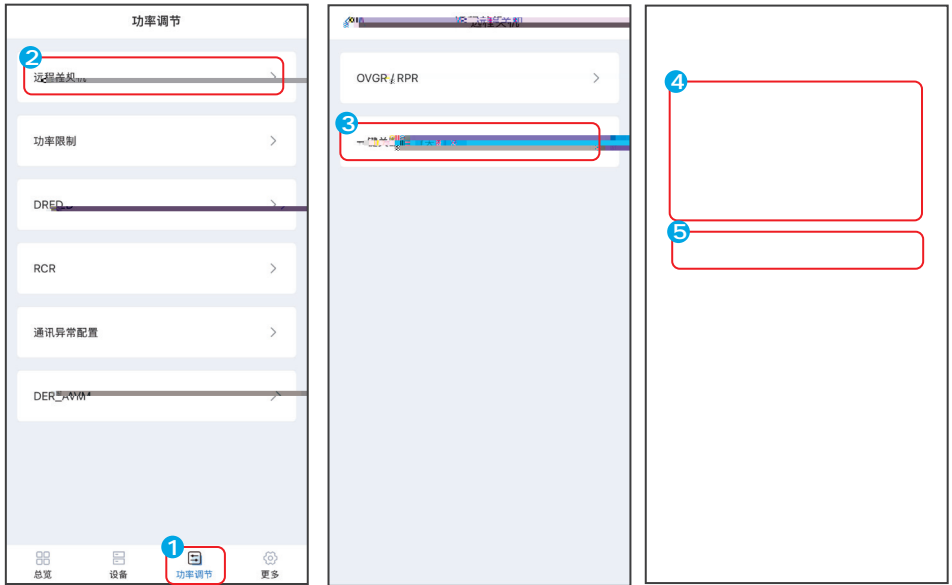
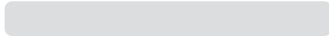
8371

OVGR&RPR

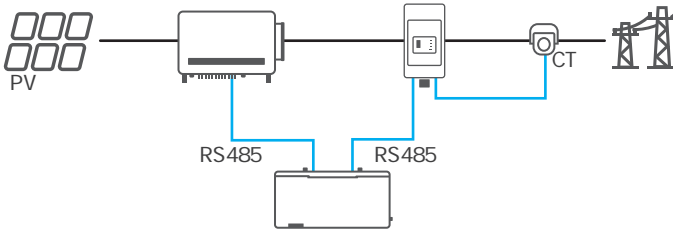




OVGR	
OVGR	OVGR
	DI1 DI2 DI3 DI4
OVGR	OVGR
	OVGR
	OVGR
RPR	
RPR	RPR
	DI1 DI2 DI3 DI4
RPR	RPR
	RPR
	RPR



8372



1 > >
2

2

1

功率限制

3

* 光伏逆变器馈送容量 0.00-1000

0 kW

* 最大馈送电网功率

0 kW

* 启动控制

高级设置

4

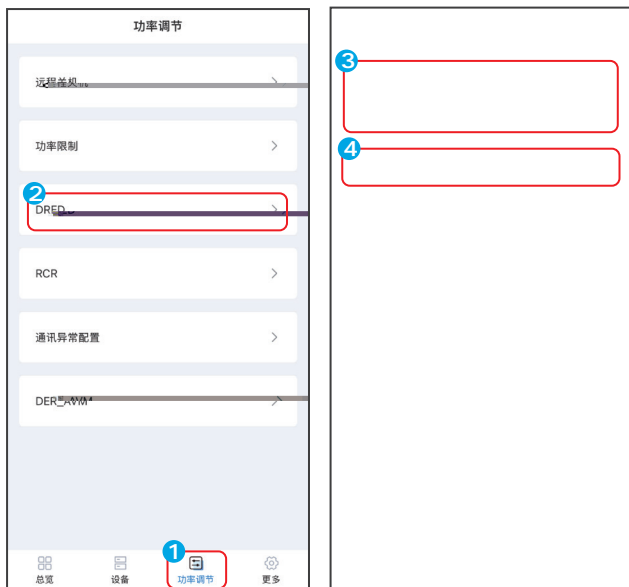
提交

	(5s)
	= +



8373 DRED

D11/DI2/

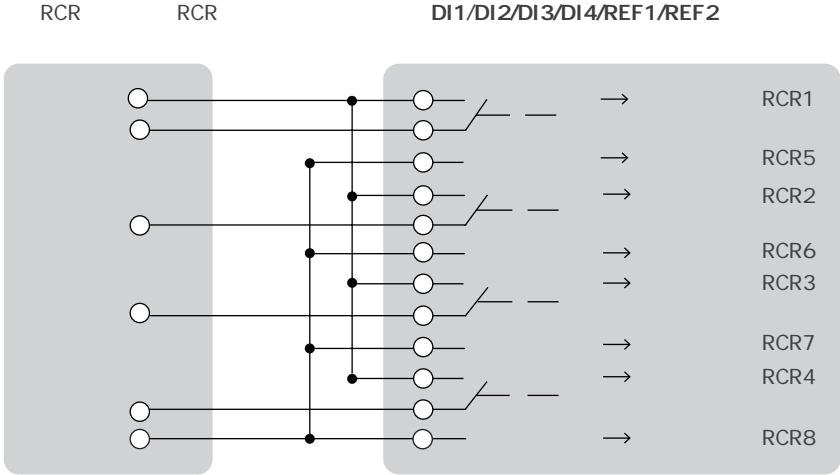


DRED

nDRM DRM5 DRM6 DRM7 DRM8 nDRM

8374 RCR

RCR Ripple Control Receiver



1 >RCR
2



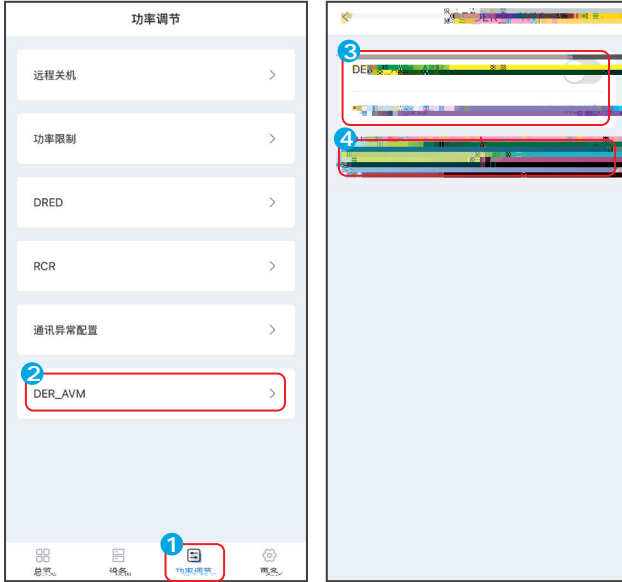
	RCR
	nRCR RCR1 RCR2 RCR3 RCR4 RCR5 RCR6 RCR7 RCR8 nRCR



8376 DER_AVM

DER_AVM DER_AVM
 KDN RS485-4

1 >DER_AVM
 2 DER_AVM



DER_AVM	DER_AVM
	RS485-4

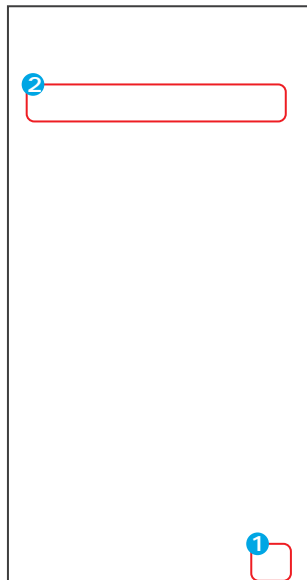


838

8381 LAN



1 > LAN
2 LAN

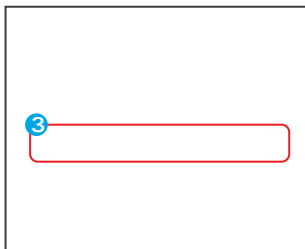
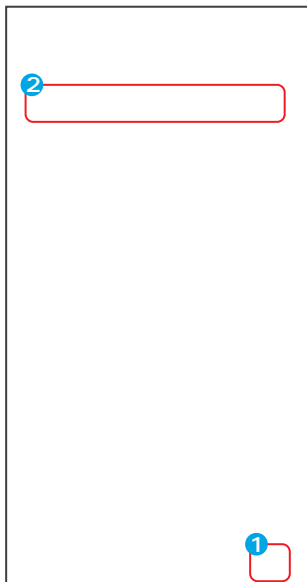


	ETH1	ETH2
	STATIC	
	DHCP	IP
IP	IP	IP IP
DNS	IP	
DNS	DNS	DNS
/		

8 3 8 2 RS485



1 > >RS485
2 RS485



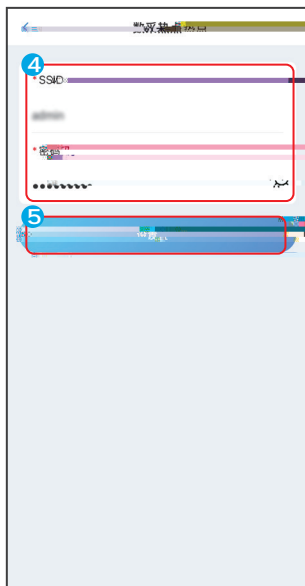
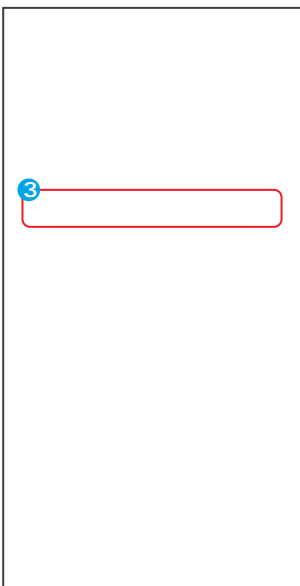
						RS485
						300 1200 2400 4800 9600 19200
					7 8	
						0 1
						1 1.5 2



8383

WiFi		Web	SolarGo App	WiFi
SSID		SSID	Web	App

1 > >
2 SSID

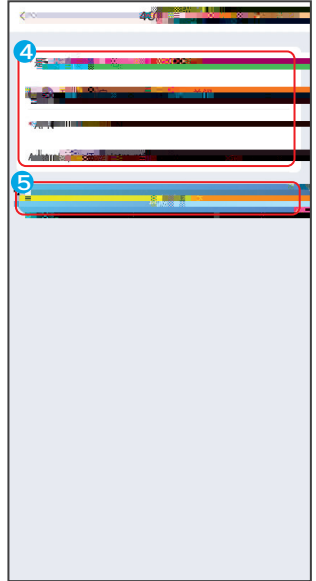
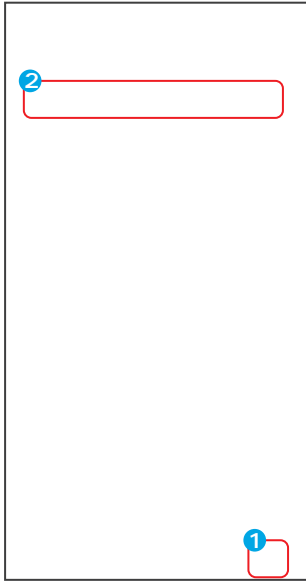


SSID	WiFi	Log-***
	WiFi	12345678

8384 4G



1 > >4G
 2 APN



	4G	4G
APN		

9

91

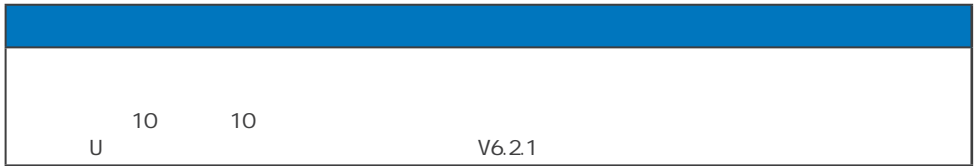


		1 / ~1 /
		1 / ~1 /

92

Web

921

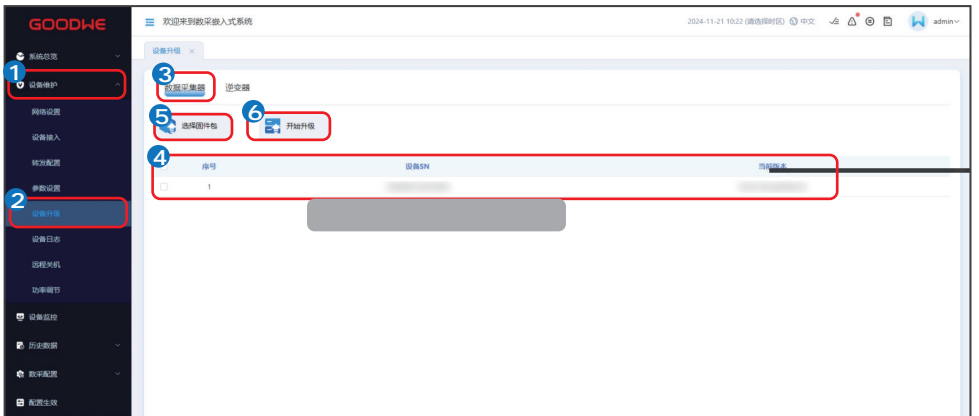


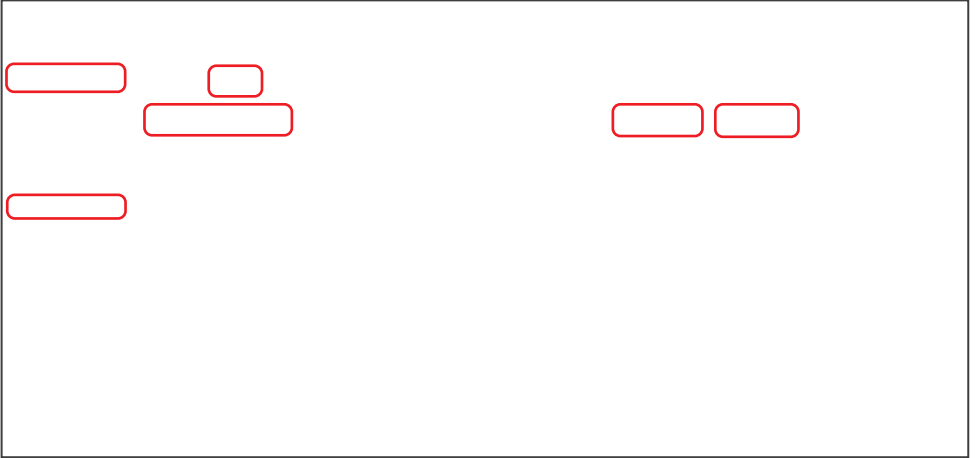
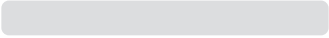
U

- 1 FAT32 U ,U 32G
- 2 U collector collector
- 3 U USB U
- 4

Web

- 1
- 2



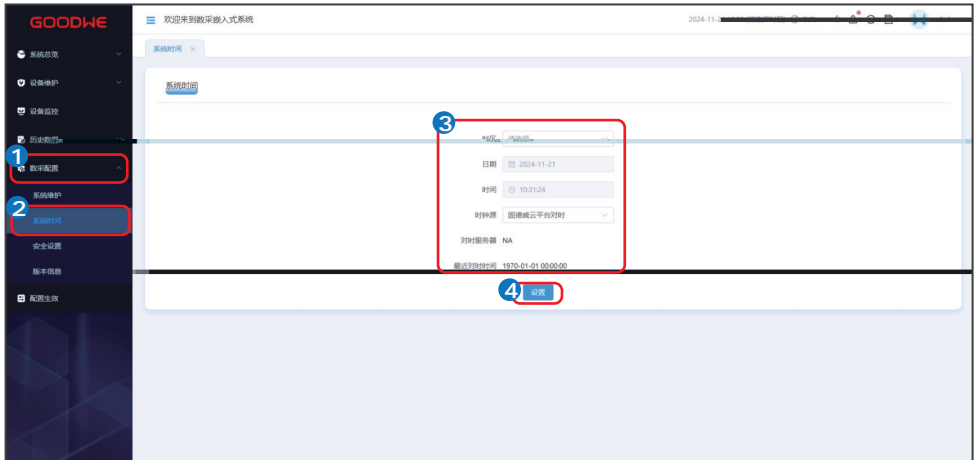




923



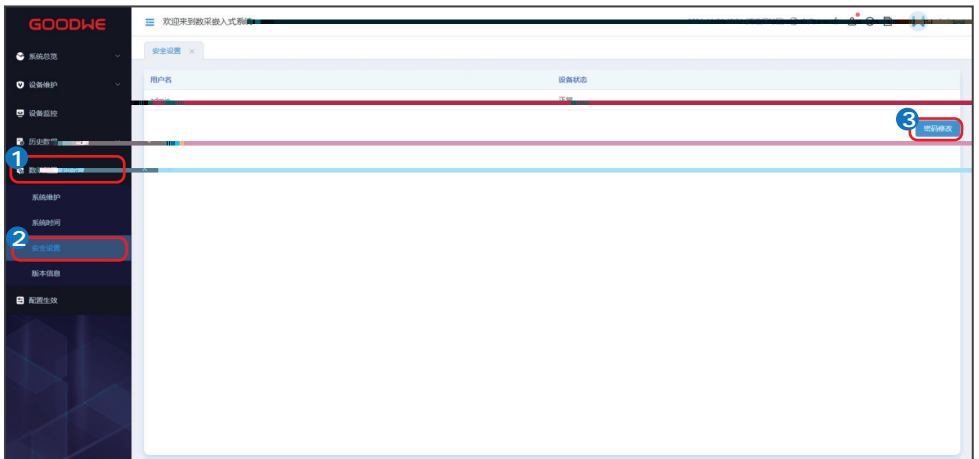
1



	NTP IEC104 Modbus-TCP

923

1



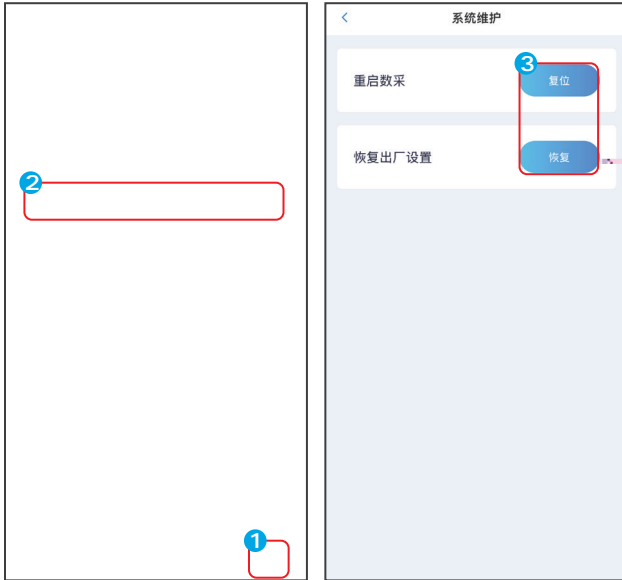
93

App

931

- 1
- 2

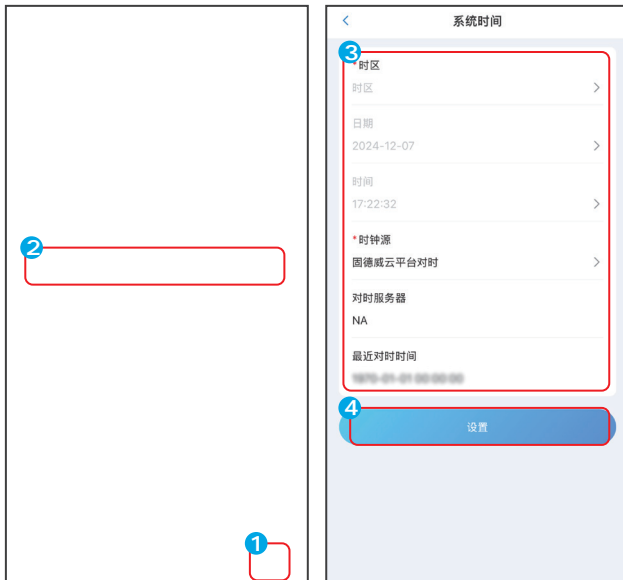
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932



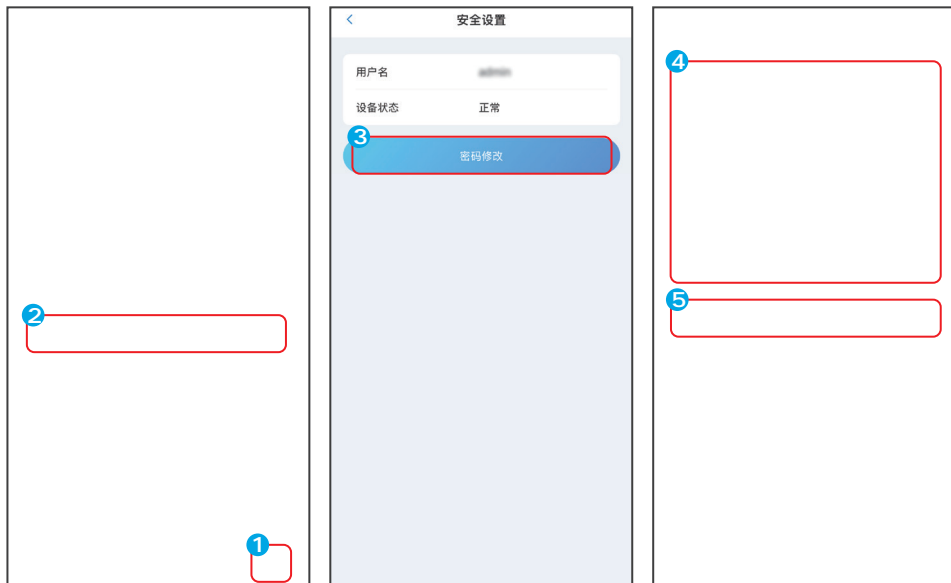
1 >
2



	NTP IEC104 Modbus-TCP

933

- 1 >
- 2



934

- 1 >

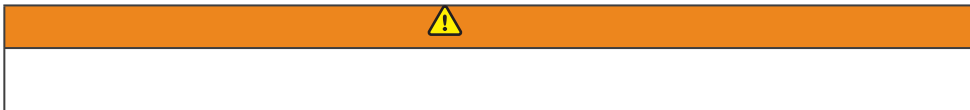


94



- 1
- 2

95



- 1
- 2
- 3

96

/

97

- 1.
- 2.
- 3.

1		<ol style="list-style-type: none"> 1. 2. 3. 4. 	<ol style="list-style-type: none"> 1. 2. 3. 4.
2	Web	<ol style="list-style-type: none"> 1. 2. 3. IP 4. Web 5. 6. 	<ol style="list-style-type: none"> 1. Windows 7 Chrome52 Firefox58 2. IP 3. ETH2 IP 4. Web https://172.18.0.12 443 5. 6.
3	Web WiFi	<ol style="list-style-type: none"> 1. 2. 3. Web 4. 5. 	<ol style="list-style-type: none"> 1. Windows 7 Chrome52 Firefox58 2. PC 15m 3. Web https://172.18.0.12 443 4. 5.
4	WiFi	<ol style="list-style-type: none"> 1. WiFi 2. WiFi 3. WiFi 4. 	<ol style="list-style-type: none"> 1. Web WiFi 2. WiFi 3. PC 15m 4.
5		<ol style="list-style-type: none"> 1. 2. 3. RS485 4. 	<ol style="list-style-type: none"> 1. 2. 3. RS485 4.

6		1. 2. IP 3. 4.	1. 2. 3.
7	4G	1. 4G 2. SIM SIM 3. 4G 4. 5.	1. 4G 2. SIM 3. Web 4G 4. 4G 5.
8	U	1. U 2. 3.	1. U FAT32 2. U collector collector 3.
9	Web	1. 2. 3. 4. RS485 5.	1. 2. 3. RS485 4.
10		1. RS485 2. 3. 4.	1. RS485 2. Web 3.
11	OVGR&RPR	1. RS485 2. 3. Web 4.	1. RS485 2. 3. 4.
12	DRED/RCR	1. RS485 2. 3. DRED/RCR 4.	1. RS485 2. 3. Web DRED/RCR 4.
13	IEC104 Mdbus- TCP IEEE 2030.5 FTP Email	1. 2. 3. 4.	1. 2. 3. 4. ARM
14		ARM	

10

EzLogger3000C	
	100
	100~240V, 50/60Hz 24V
(V)	24
(W)	<15
	2
RS485	COMx 4
WIFI	802.11 b/g/n 2.412GHz-2.484GHz
4G	
/ /	DI× 4, DO× 2, AI× 4
PT100/PT1000	PT100× 1, PT1000× 1
	12V 100mA
	Mdbus-TCP, IEC 60870-5-104
RS48	Mdbus-RTU, IEC 60870-5-103 (), DL/T645
LED	LED× 4
Web	Web
USB	USB 2.0× 1
× × mm	255*47.5*173
(kg)	0.8
(-30~+60
(-40~+70
	5~95%
(m)	5000
	IP20

11

11 1 FAQ

11 1 1 Web

8 2 2 Web Web

1 Web > >

2

3

4

5 > >

6

8 2 4

8 2 11

11 1 2 Web IEC104

8 2 2 Web Web

1 >

2 LAN STATIC IP

3 >

4 IEC104

5 IEC104

6

IEC104 8 2 9

11 1 3 Web Modbus-TCP

8 2 2 Web Web

1 >

2 LAN STATIC IP

3 >

4 Modbus-TCP

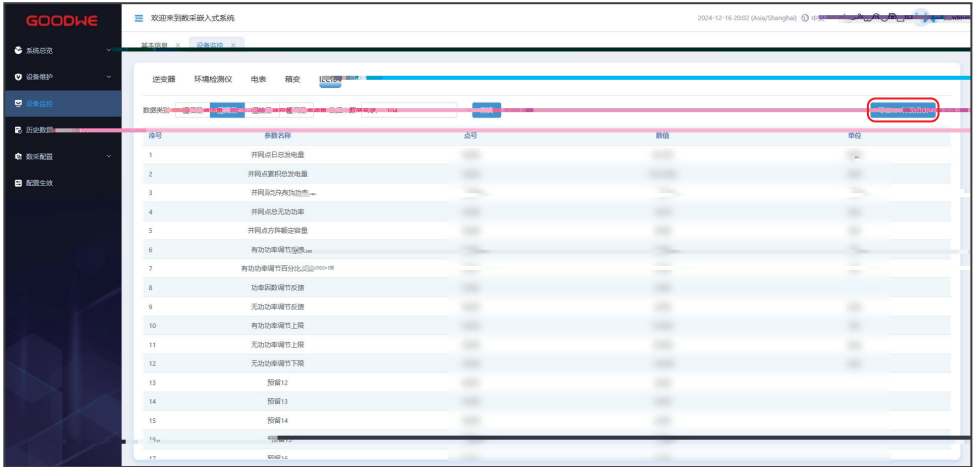
5 Modbus-TCP

6

Modbus-TCP 8 2 9

11 1 4 Web 104

- 1
- 2 IEC104 > 104
- 3 104



11 1 5



Web

- 1 >
- 2
- 3

App

- 1 > >
- 2
- 3

Web

1 > >

2

3

App

1 > > > >

2

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Web

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