

**GOODWE**  
固德威

GOODWE

<b>1</b>	.....	<b>1</b>
1.1	.....	1
1.2	.....	1
1.3	.....	2
1.4	.....	2
<b>2</b>	.....	<b>3</b>
2.1	.....	3
2.2	.....	3
2.3	.....	3
2.4	.....	4
2.5	.....	4
2.6 EU	.....	4
<b>3</b>	.....	<b>5</b>
3.1	.....	5
3.2	.....	5
3.3	.....	5
3.4	.....	6
3.4.1	.....	6
3.4.2	.....	7
3.4.3	.....	7
3.4.3	.....	8
<b>4</b>	.....	<b>9</b>
4.1	.....	9
4.2	.....	9
4.3	.....	10
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5.1	.....	11
5.2	.....	14
5.2.1	.....	14
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6.1	.....	15
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# 1

## 1.1

### DNS G3

GW3600-DNS-30	3.6kW	220/230/240V
GW4200-DNS-30	4.2kW	
GW5000-DNS-30	5kW	
GW6000-DNS-30	6kW	

## 1.2

### 1.3

!
!
!

### 1.4

V1.0 2022-03-22

•

V1.1 2022-05-25

• 6.5

V1.2 2022-12-10

• 10

V1.3 2023-04-10

• 6.5.1

V1.4 2023-05-25

• 3.4.2

• 4.2

• 5.2.2

## 2


## 21

<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li><li>•</li><li>•</li></ul>


## 22






<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul>

## 23

<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li></ul> <p>1.25</p>

## 2.4

	
<ul style="list-style-type: none"><li>•</li><li>•</li><li>•</li><li>•</li></ul>	

			5
			
			
	CE		

## 2.5

<ul style="list-style-type: none"><li>•</li><li>•</li></ul>	

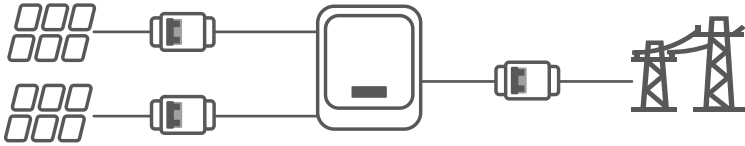




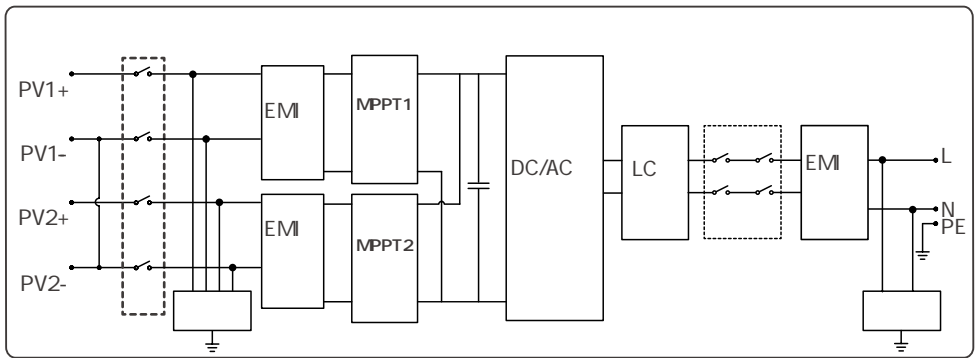
### 3

#### 3.1

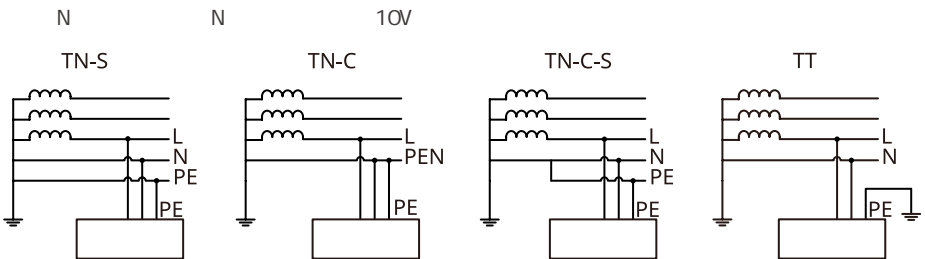
DNS G3



#### 3.2



#### 3.3

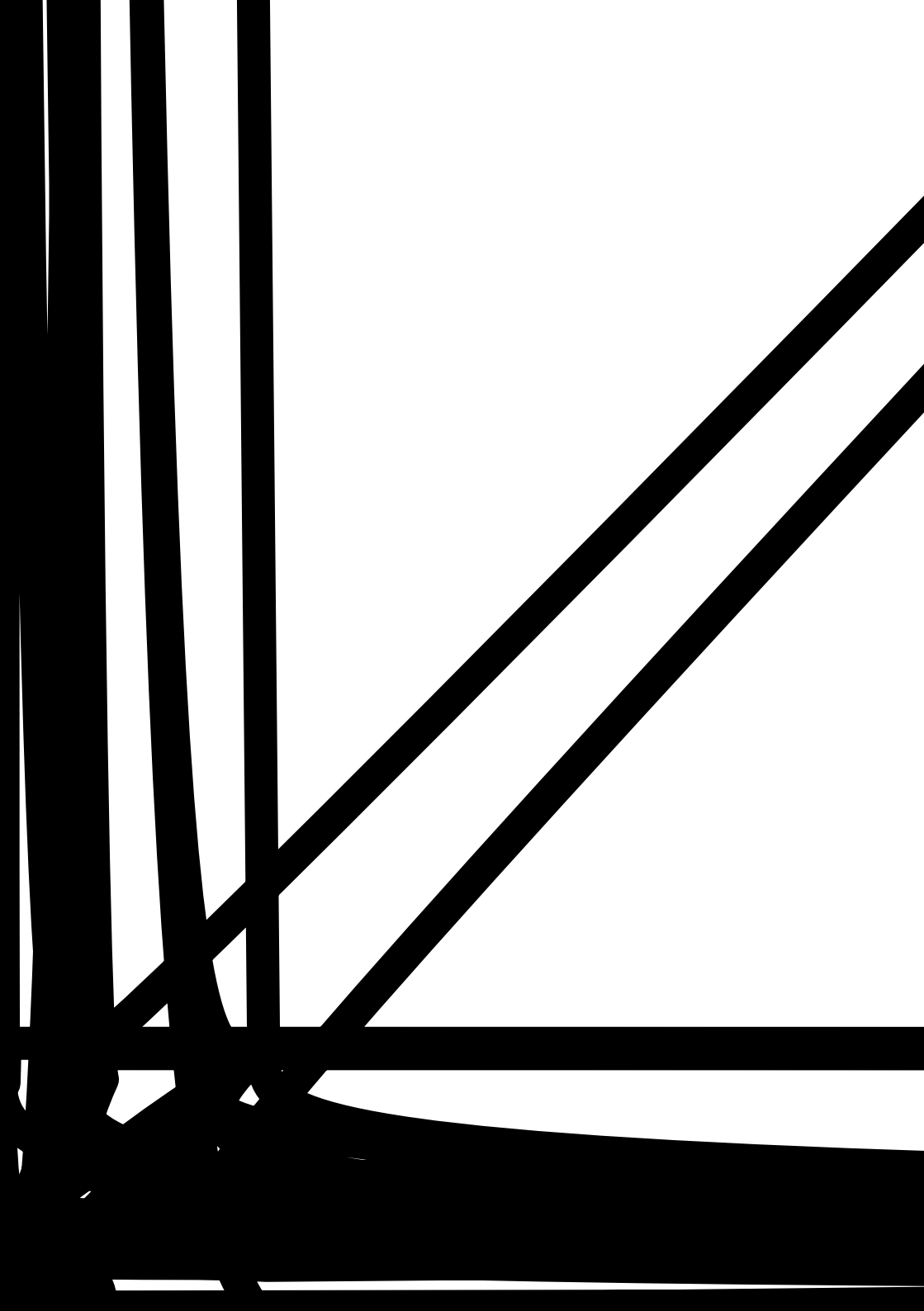


### 3.4

#### 3.4.1

1		
2		OFF
3	PV	PV
4	USB-RS485 USB 2	• WiFi/LAN WiFi GPRS 4G 2
	3 3 PC	PC

a



### 3.4.3

<b>名称: 光伏并网逆变器</b> <b>型号: ***** **</b>
最大直流电压: ****V d.c. MPPT电压范围: **...***V d.c. 最大直流工作电流: **A d.c. 直流短路电流: **A
额定输出电压: ·
过电压类别: 交流III, 直流II 防护等级: IP** 保护等级: 等级I

GW



# 4

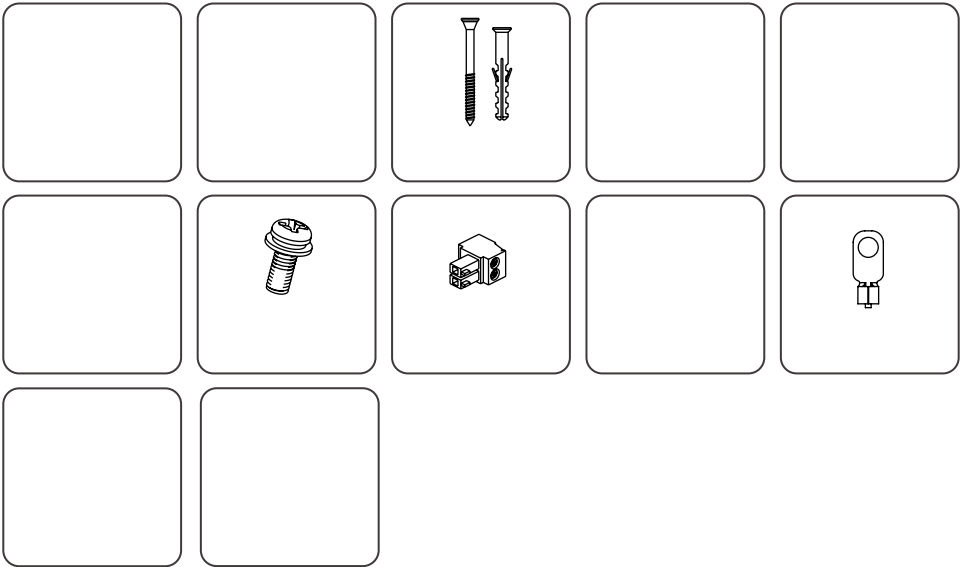
## 4.1

1.

2.

3.

## 4.2



• [1].                      WiFi/LAN   WiFi   LAN   GPRS   4G	
• [2].	USB-RS485
• [3].	6PIN

## 4.3

- 1.
- 2.
- 3.
- 4.
- 5.
6. 6
7. 6 6

# 5

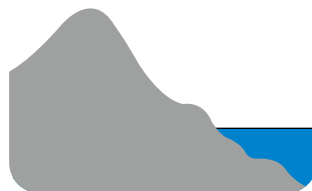
## 5.1

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

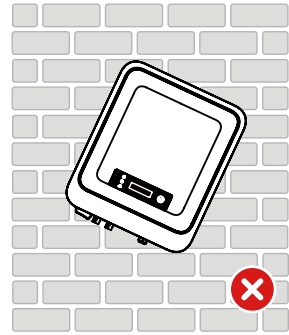
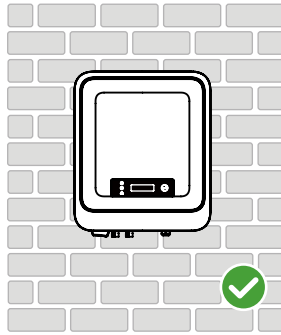
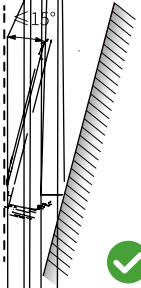
- 7.
- 8.

- 
- 

30MHz  
EMI  
30m



15°







## 5.2

### 5.2.1



- 1.
- 2.
- 3.

### 5.2.2

- 
- 
- 

1

2                    10mm

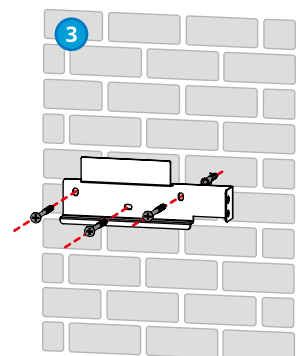
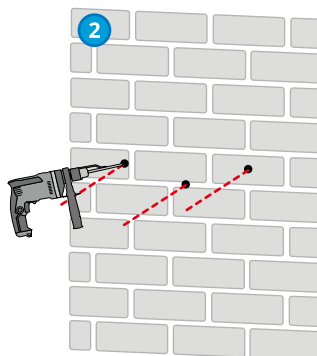
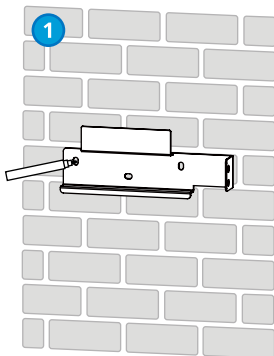
80mm

3

4

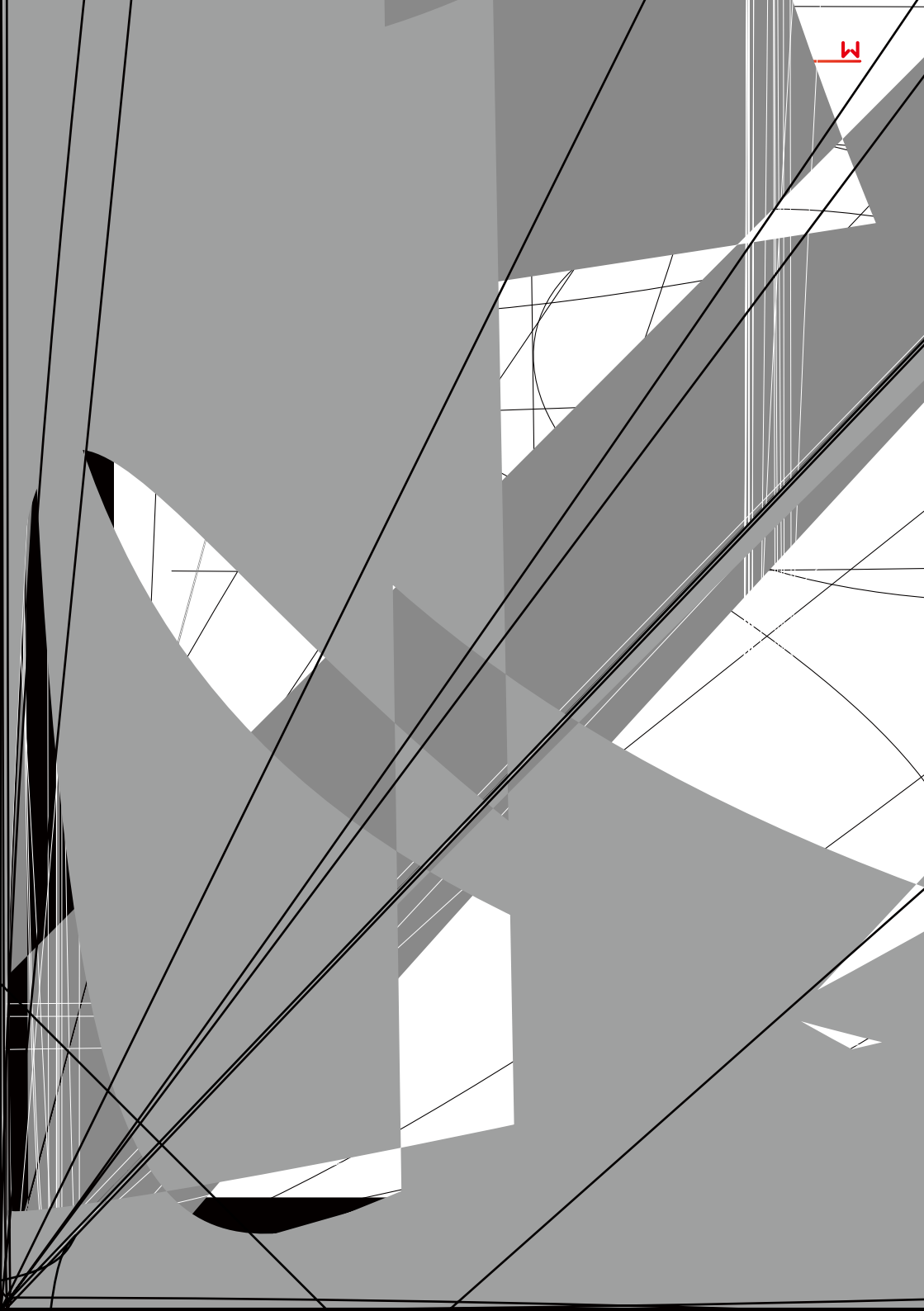
5

6









### 6.4

⚠	
<ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>	RCMU

GW3600-DNS-30	25A
GW4200-DNS-30	32A
GW5000-DNS-30	32A
GW6000-DNS-30	40A

A     RCD

RCD

	RCD
GW3600-DNS-30	300mA
GW4200-DNS-30	
GW5000-DNS-30	
GW6000-DNS-30	

--

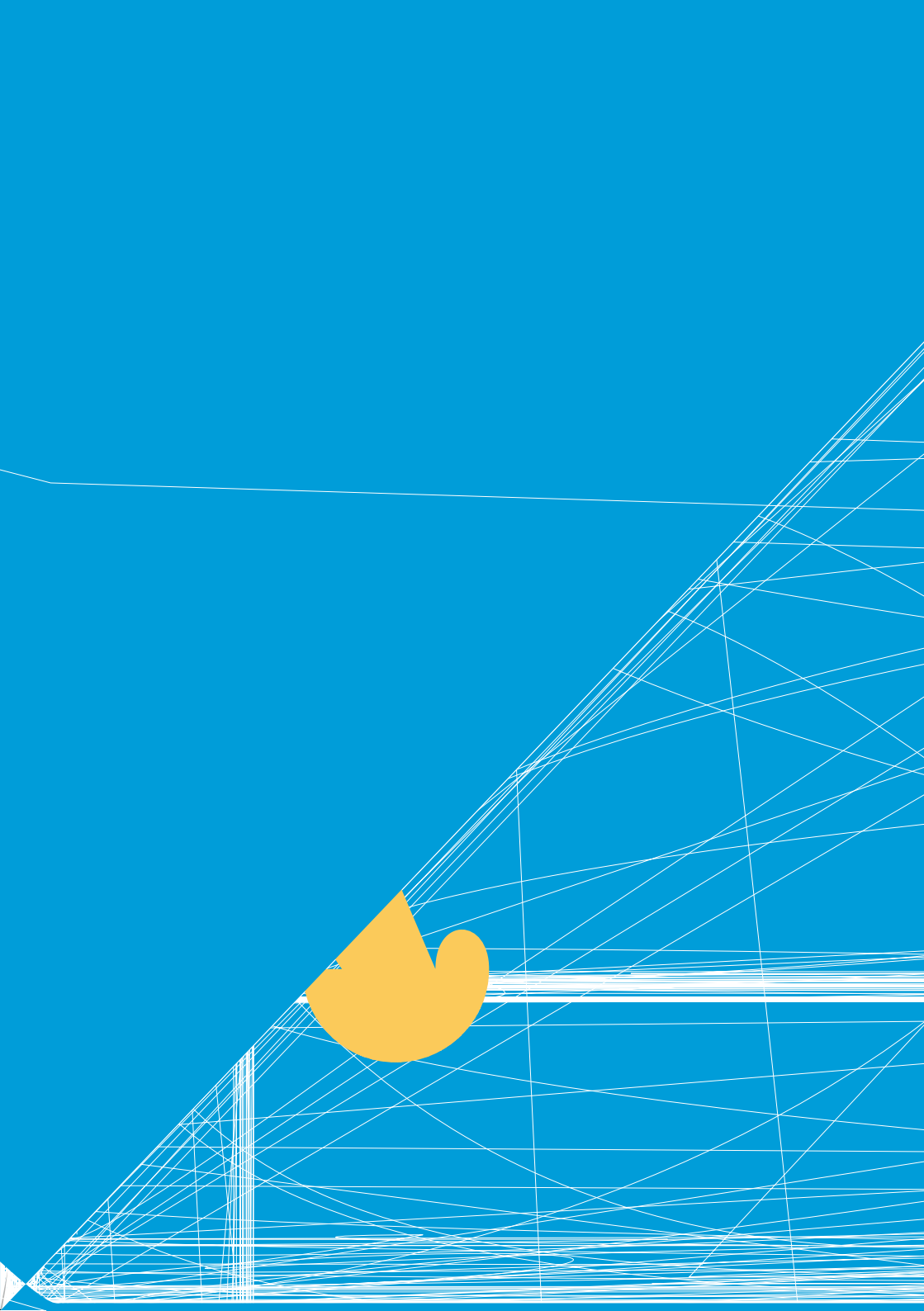


- " L" " N" " PE"
- 
- 

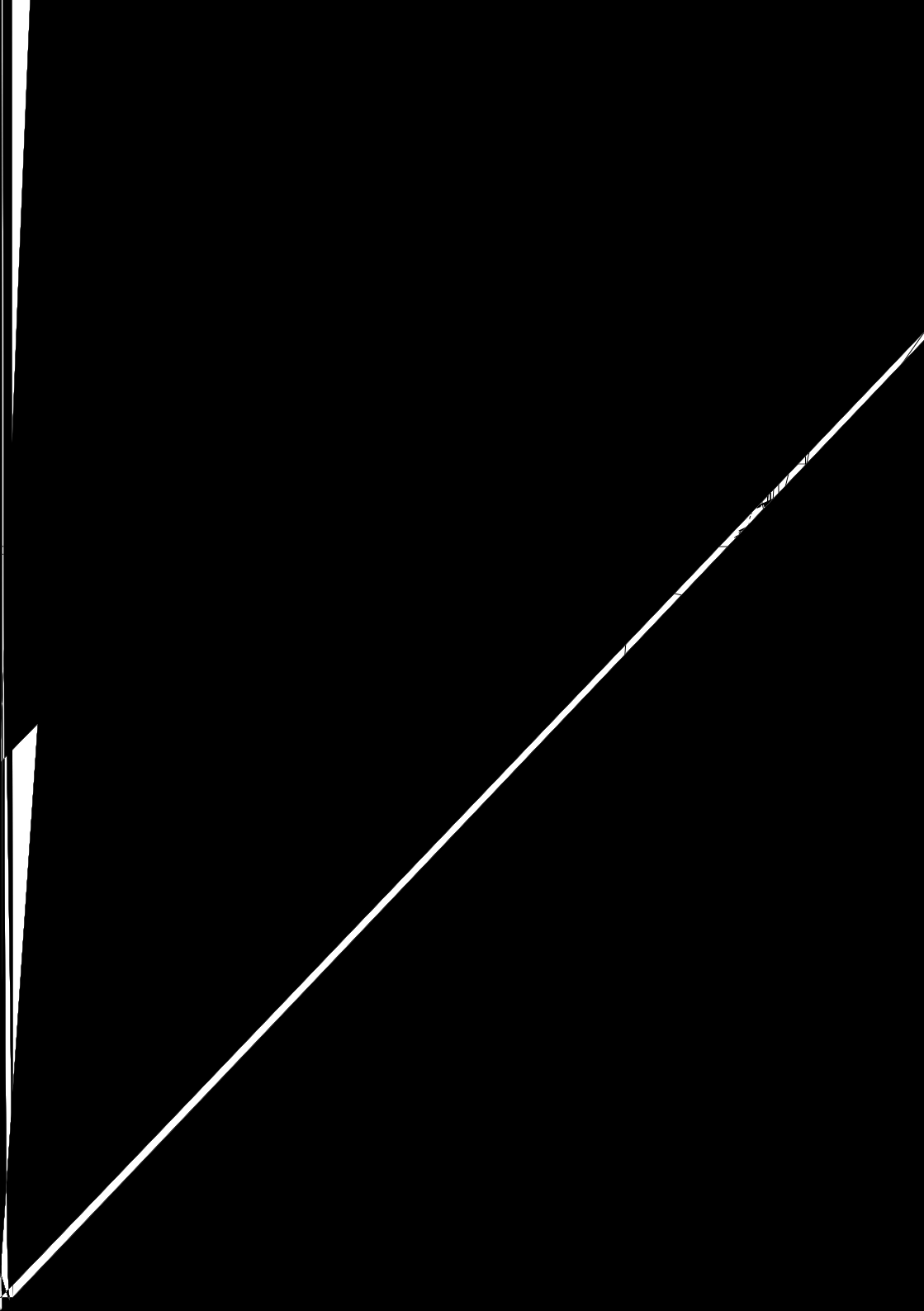
- 1
- 2
- 3
- 4

-1

-2





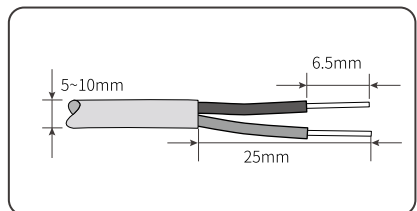
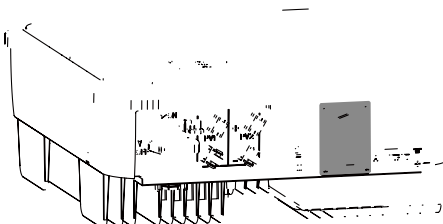


www.ig



RS485	RS485	1: RS485 + 2: RS485 -	RS485
	RSD	3: RSD+ 4: RSD-	
	I/O	5: I/O1+ 6: I/O1- 7: I/O2+ 8: I/O2- 9: I/O3+ 10: I/O3-	
	Meter	11: Meter+ 12: Meter-	CT
CT	CT	13: CT+ 14: CT-	
DRED	DRED	15: DRM1/5 16: DRM2/6 17: DRM3/7 18: DRM4/8 19: REFGEN 20: COM/DRMO	DRED

- 
- RS485                      CT                      2PIN
- DRED I/O                      6PIN
- DRED                      DRED
- DRED RCR                      SolarGo App
- DRED                      SolarGo App





### 6.5.3

WiFi LAN GPRS 4G

WEB

WiFi kit, LAN kit, 4G kit, GPRS, Bluetooth Kit, Wi-Fi/LAN Kit :

⋄  
⋄



### 6.5.4 USB-RS485

USB-RS485 :

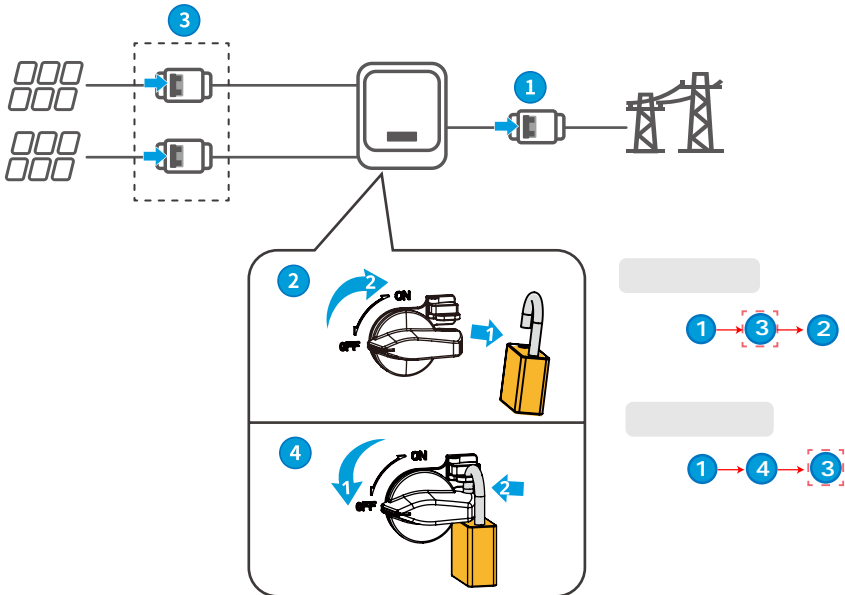
# 7

## 7.1

1	
2	
3	
4	
5	






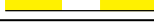

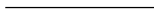

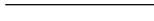
## 7.2


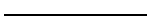

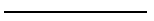







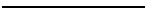


- 1
- 2



# 8

## 8.1

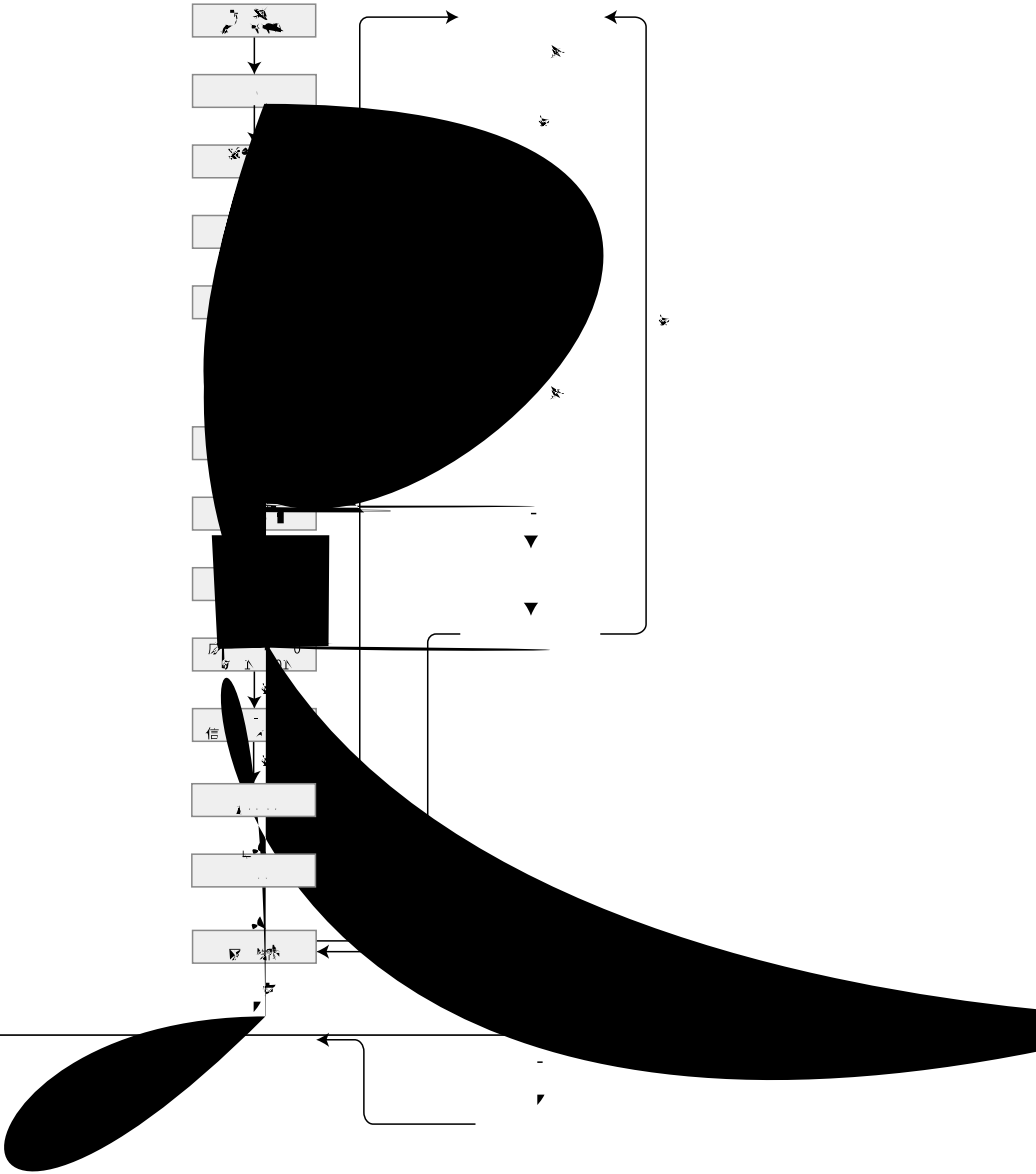
⏻		
		
		/
		
		RS485
		
▶		
		
⚠		
		

⏻		
		
▶		
		
		
		
☁ SEMS		
		
		
		
		RS485
		
⚠		
		





8.2.1





8.2.2

=0.0W	
	/
GW3600-DNS-30 90%	
	ARM
	/
	/
W/L	
W/L	
Modbus	Modbus
ISO	PV-PE IOS
PV1	PV
PV2	




### 9.3

/

### 9.4

1.

2.

3.

1		1. 2.	1. 2.
2			1. 2. • • 3.  HVRT
3			1. 2. • •



4			1. 2. • • 3.  LVRT
5	10min	10min	1. 2. • •
6			1. 2. • •
7			1. 2. • •

8			1. 2. • •
9			1. 2.
10		LVRT	1. 2.
11		HVRT	
12	30mAGfci		1. 2.
13	60mAGfci		
14	150mAGfci		
15	Gfci		
16	DCI		1. 2. 16 DCI





18		1. 2.	1. 50k 2. 50k 3. " " 1. 1 2. 30
19		1. 2. L N	1. 2. L N
20			1. 2.
21		1. 2. 3. can bus 4. CRC 5. 6.	5
22			5
23			5

24		1. 2. 3.	5
25		1. 2. ( ) 3.	5
26	Flash	Flash	5
27		1. 2.	
28			5
29		1. 2. 60 3.	1. 2. 3.
30		1. PV 2. BUS	5
31	PV		
32	PV	1. 2.	5
33	PV	1. 2.	5



34	String1	PV	PV1 PV2
35	String2		

## 9.5

	/	1 / ~1 /
	10	1 /
		1 / ~1 /
		1 /

# 10

	GW3600-DNS-30	GW4200-DNS-30	GW5000-DNS-30	GW6000-DNS-30
W	5,400	6,300	7,500	9,000
V	600	600	600	600
MPPT V	40 560	40 560	40 560	40 560
MPPT V	120-500	140-500	165-500	195-500
V	50	50	50	50
V	360	360	360	360
MPPT A	16	16	16	16
MPPT A	23	23	23	23
A)	0	0	0	0
MPPT	2	2	2	2
MPPT	1	1	1	1
W	3,600	4,200	5,000	6,000
W	3,960	4,620	5,500	6,600
VA	3,960	4,620	5,500	6,600
V	220	220	220	220
Hz	50	50	50	50
A	17.3	20.1	24.0	28.8
A	16.4	19.1	22.8	27.3
	~1 (0.8 ... 0.8 )			
	3%			
	97.9%	97.9%	97.9%	97.9%
	97.0%	97.2%	97.3%	97.4%
	96.4%	96.9%	96.9%	97.1%



	PV C AC C COM A
	25



90



T: 400-998-1212



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[service@goodwe.com](mailto:service@goodwe.com)

