

# GOODWE



SMT系列  
75-80kW

V1.1-2024-12-11



<b>1</b>	.....	<b>1</b>
1.1	.....	1
1.2	.....	1
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# 1

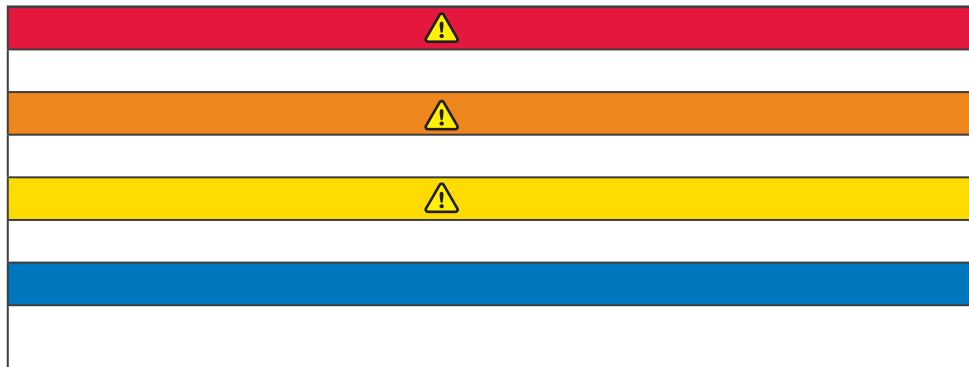
## 1.1

### SMT

GW75K-SMT	75kW	380, 3L/N/PE or 3L/PE
GW80K-SMT	80kW	220/380, 3L/N/PE 3L/PE

## 1.2

## 1.3



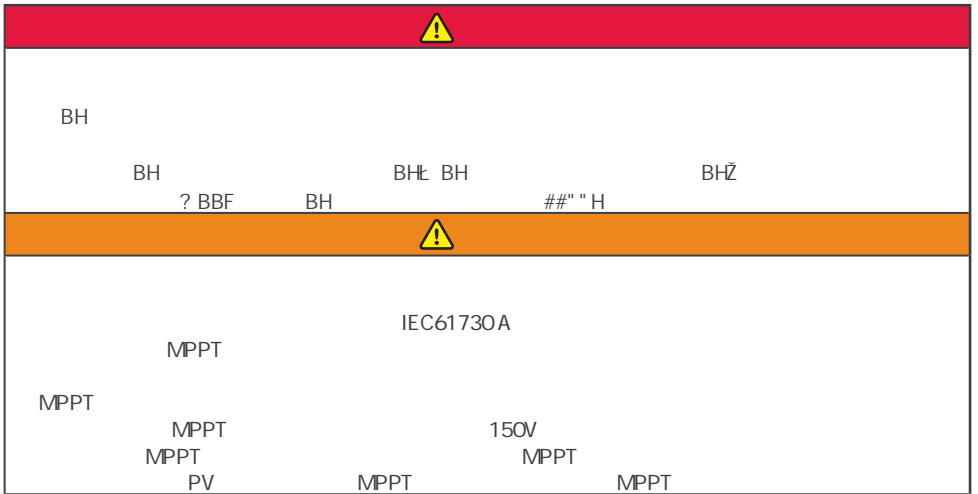
## 2



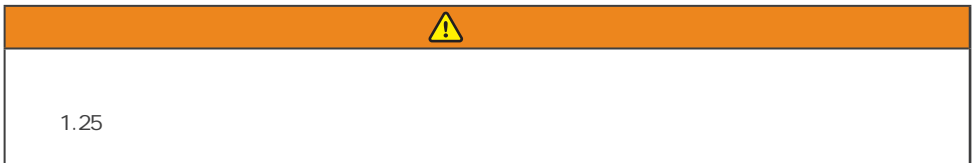
### 2.1



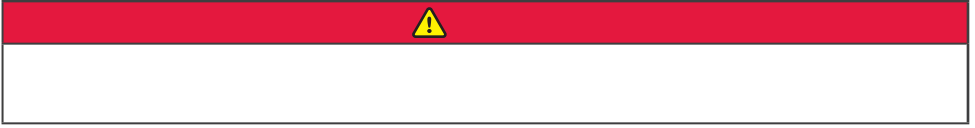
### 2.2











### 2.3



## 2.4



			5
			
			
	CE		

## 2.5

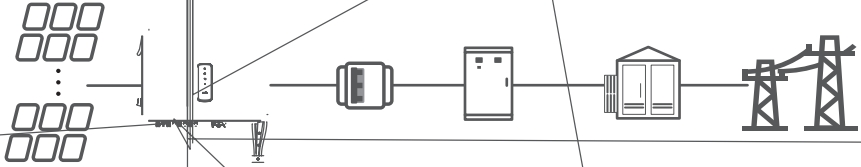




### 3

### 3.1

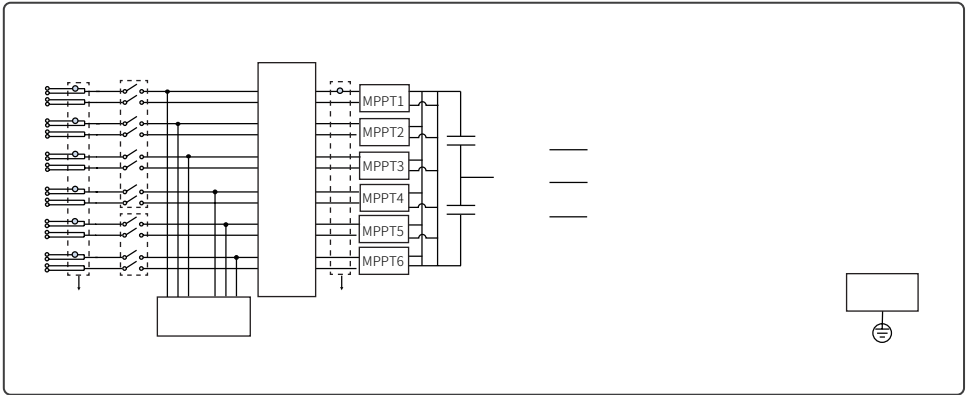
SMT



## GW80K-SMT

- 1
- 2
- 3

1			GW
2			75K      75kW 80K      80kW
3			SMT: SMT



### 3.3

GW75K-SMT GW80K-SMT















TN-S TN-C TN-C-S TT IT

:S@





### 3.4.3

⏻		
		
▶		
		
		
		
☁		
		
		
		
		RS485
		
⚠		
		

### 3.5

AFCI ( )

AFCI

24	5	5	App	5
			SolarGo APP	

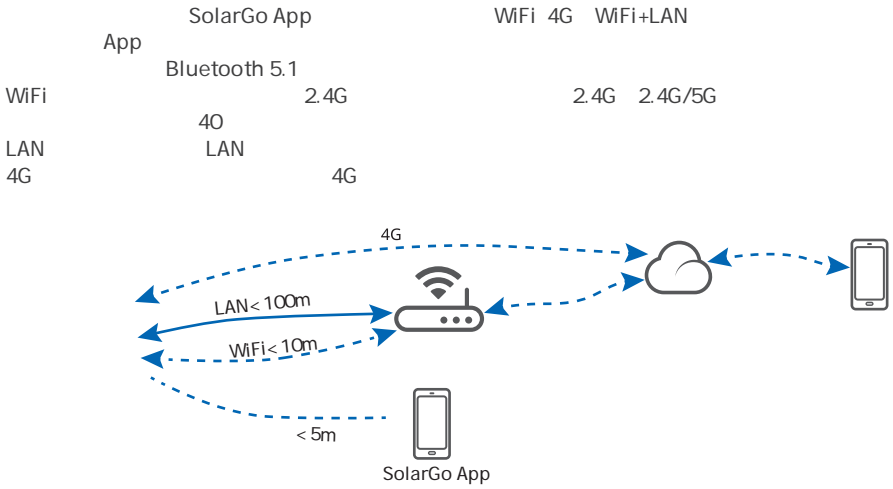
PID

PID Potential Induced Degradation

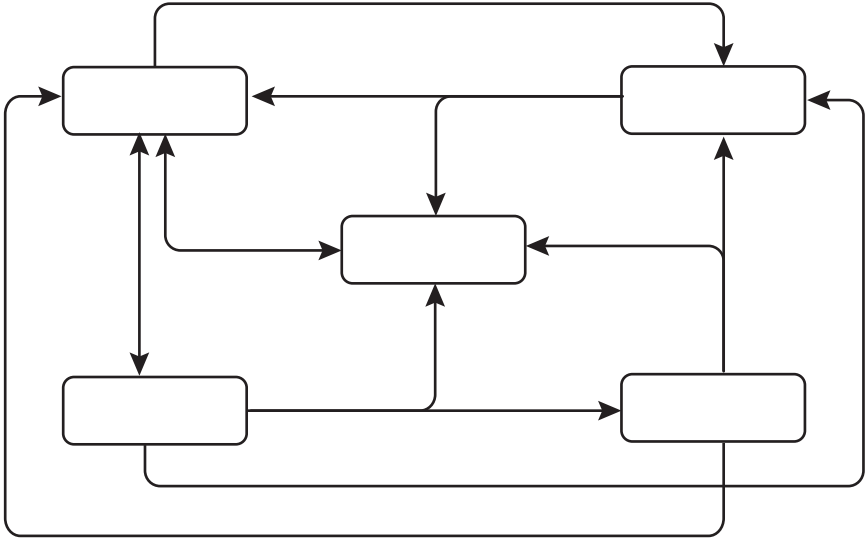
PID

SVG

SVG

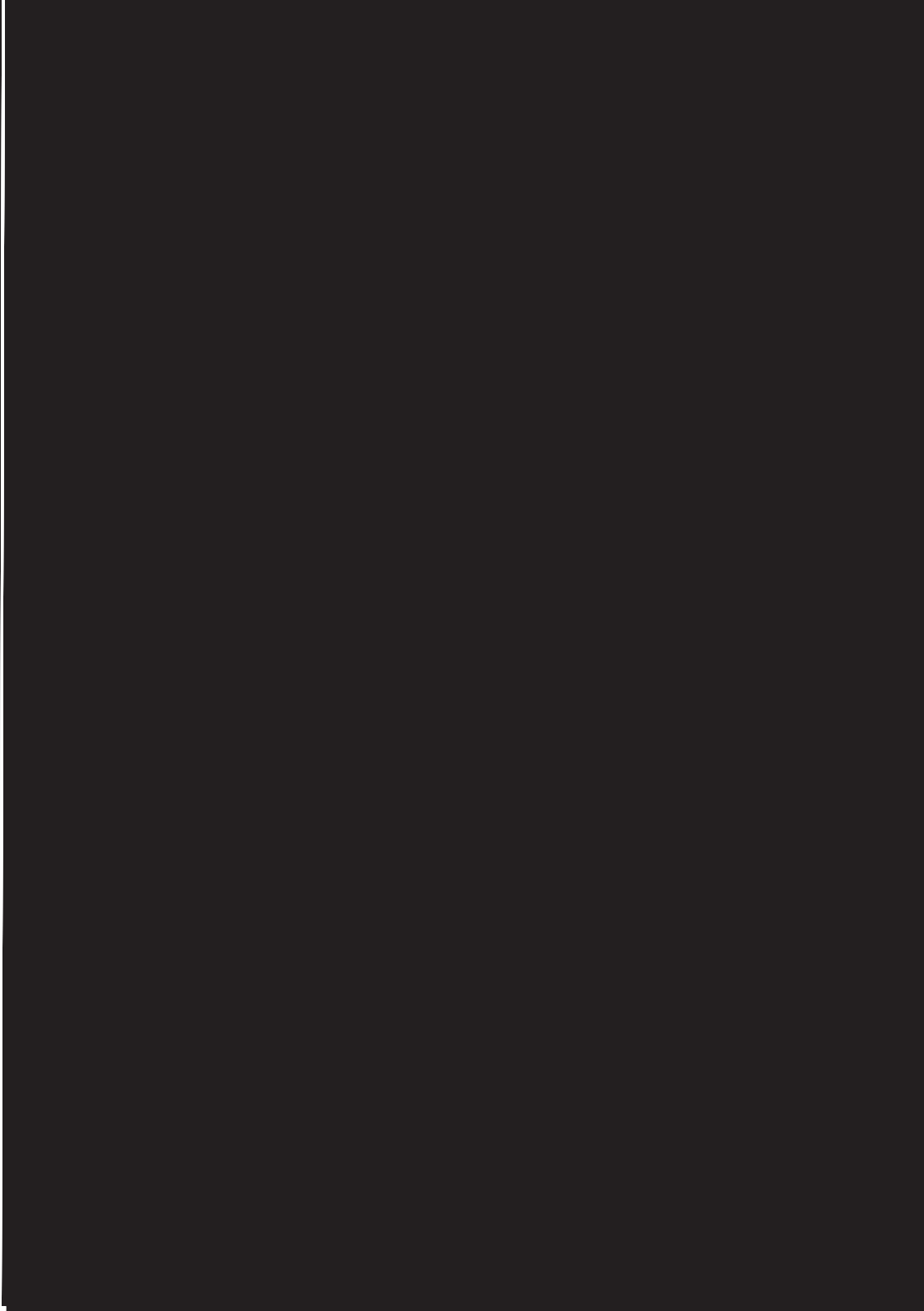


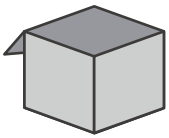
### 3.6



1		
2		PV
3		
4		
5		







## 4.3

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







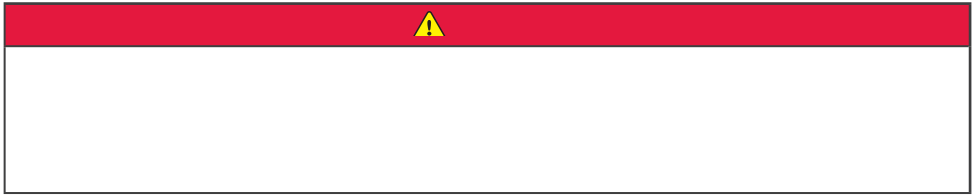






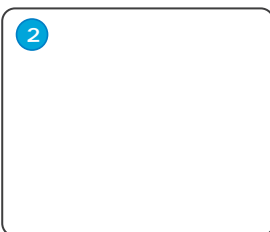
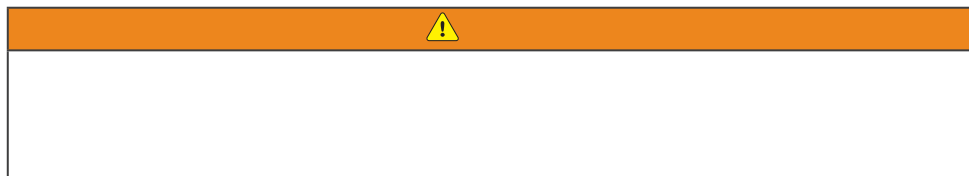
# 6

## 6.1

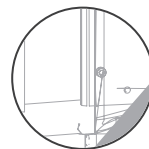


1			11 - 23mm $S_{PE} \quad S/2^{*1}$
2			28 - 53mm S 35 - 150mm <sup>2</sup> S 50 - 150mm <sup>2</sup> $S_{PF} \quad S/2^{*1}$
3			13 - 23mm S 35 - 150mm <sup>2</sup> S 50 - 150mm <sup>2</sup> $S_{PF} \quad S/2^{*1}$
4		1100V	4 - 7mm 2.5 - 6mm <sup>2</sup>
5	RS485		4.5 - 6mm 0.2 - 0.5mm <sup>2</sup> 1000m
*1: $S_{PE}$ *2:		S 1000m	

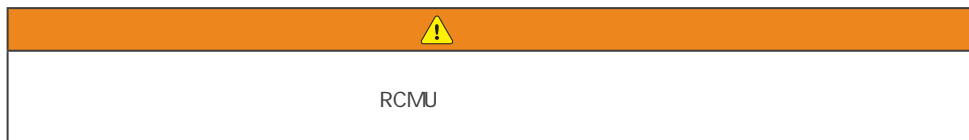
## 6.2



3



## 6.3



RCMU

RCD  
RCD

A RCD

	RCD
GW75K-SMT	750mA
GW80K-SMT	800mA

GW75K-SMT	143A
GW80K-SMT	160A

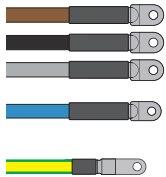




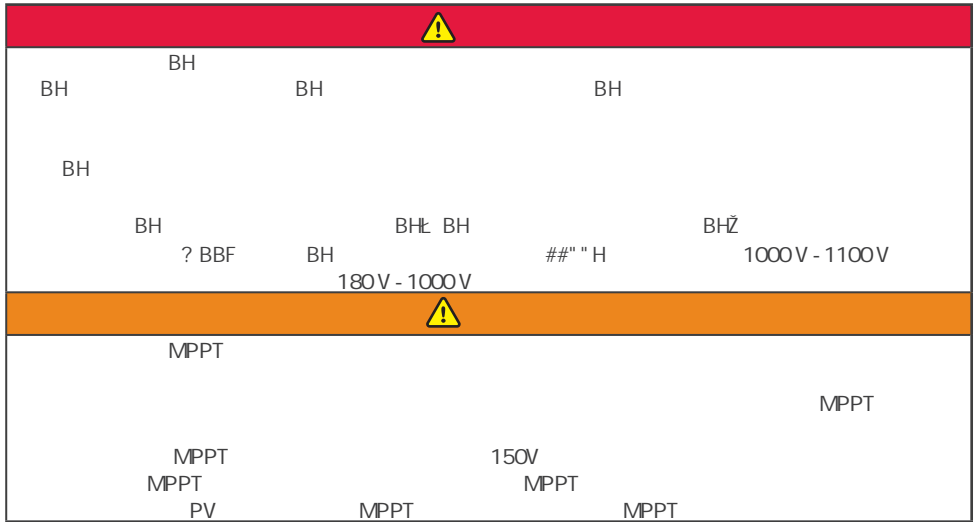
" L1" " L2" " L3" " N" " PE"

OT

- 1 OT
- 2
- 3
- 4



## 6.4



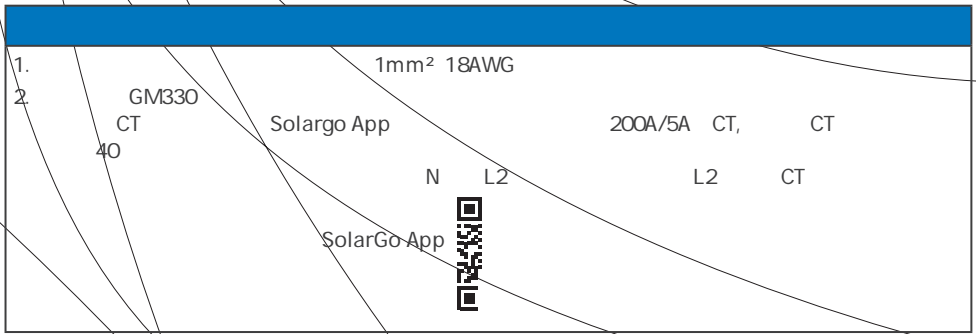
### PV

- PV
- PV

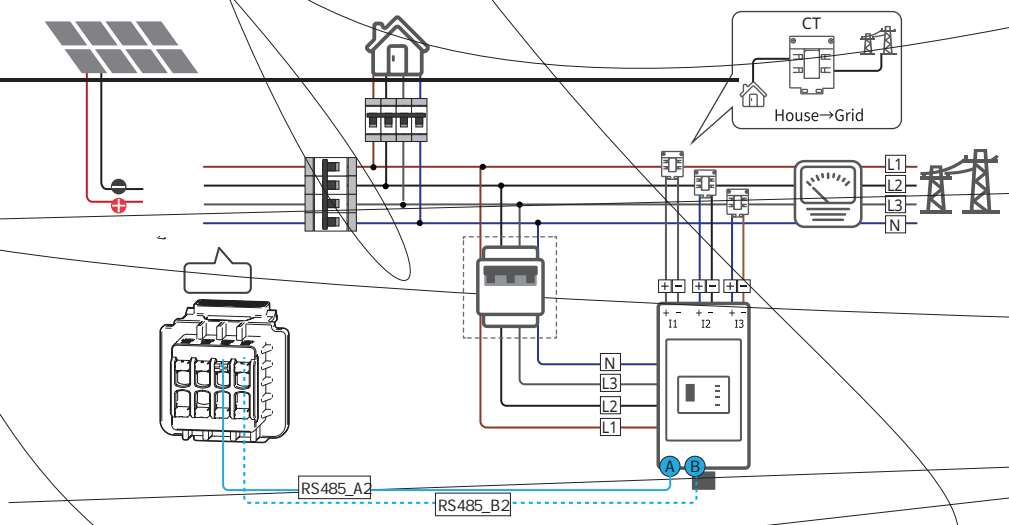
PV	MPPT1	MPPT2	MPPT3	MPPT4	MPPT5	MPPT6
4	●				-	-
5	●					-
6	●					
7	●					
8	●					
9	●					
10						
11						

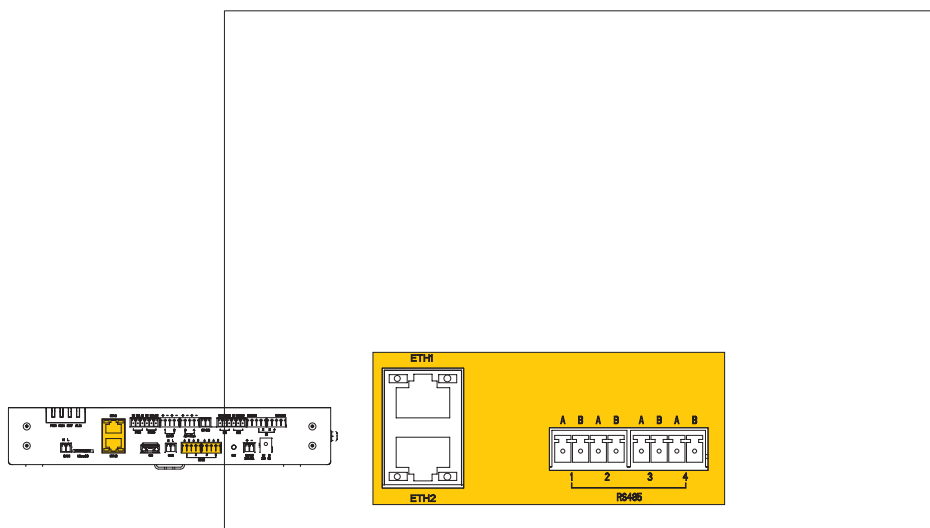




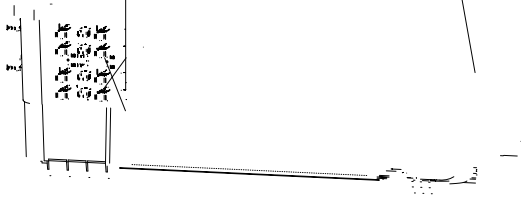


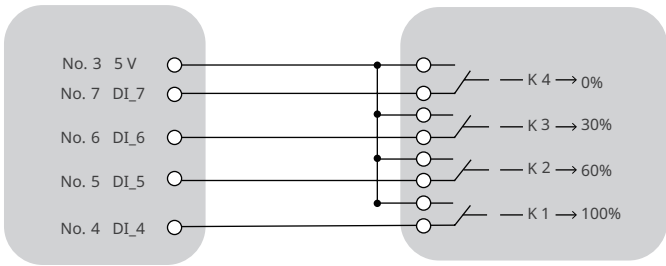
GM330



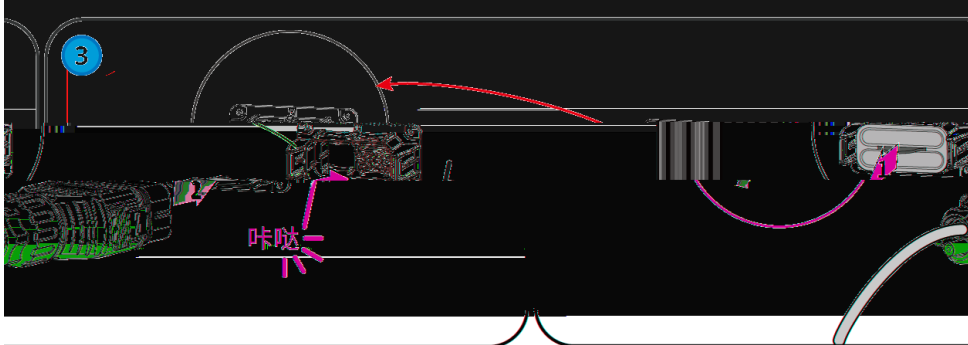
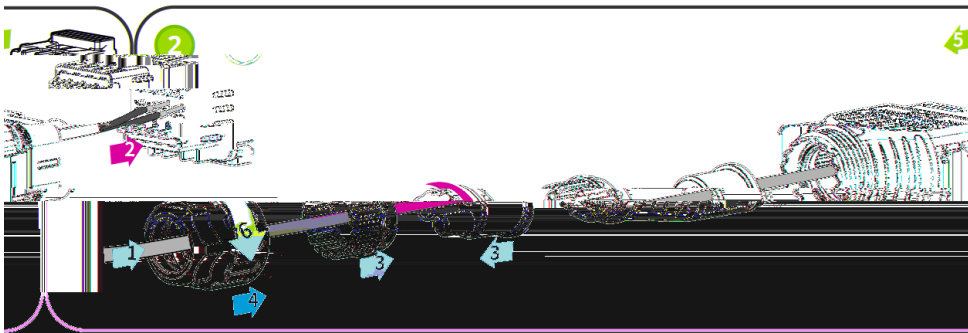
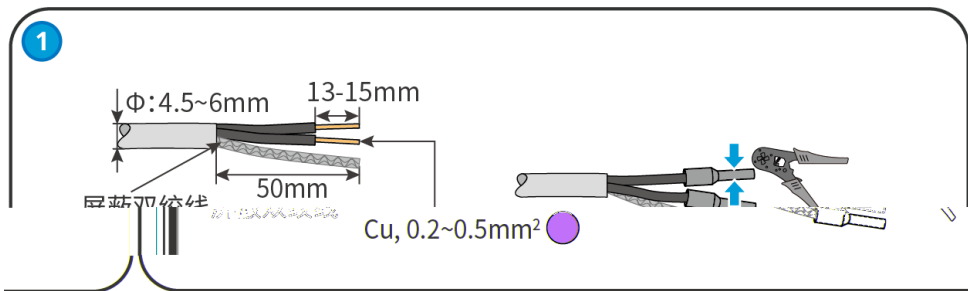








- 1
- 2
- 3



## 6.5.4

4G WiFi

WiFi+LAN

WEB



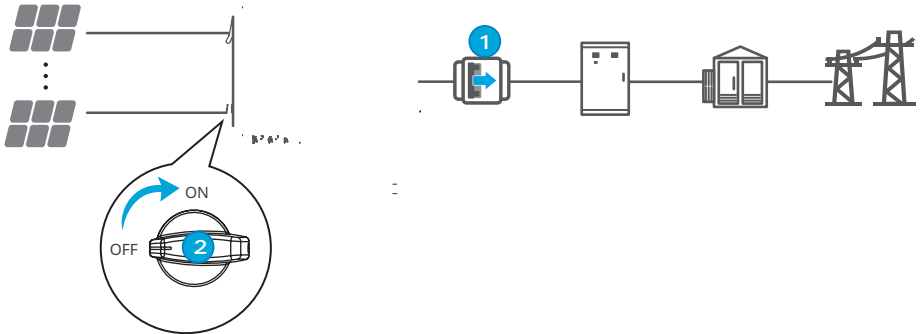
# 7

## 7.1

1	
2	
3	
4	
5	

















## 7.2

- 1
- 2

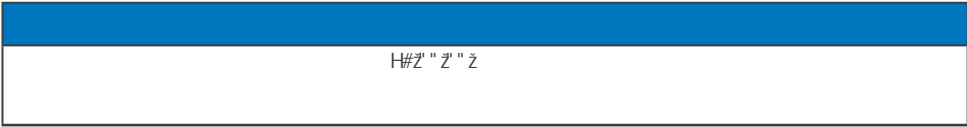


# 8

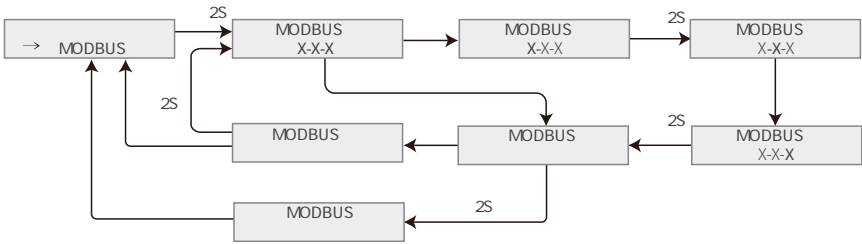
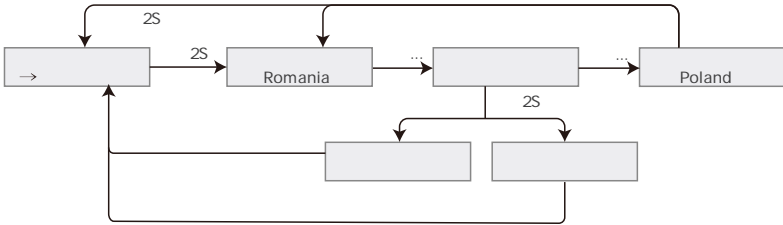
## 8.1

		
		
		
		
		
		
		
		
		
		RS485
		
		

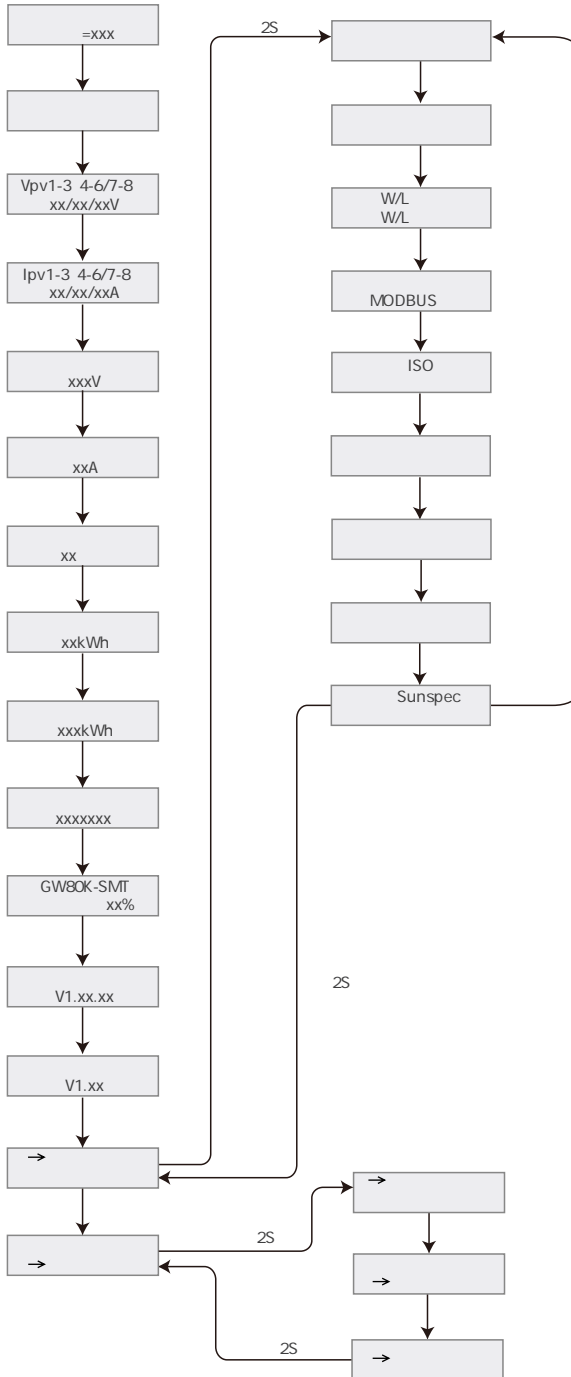
# 8.2



LCD



## 8.2.1



### 8.2.2

=0.0W	
	/
GW80K-SMT xx%	
	/
	/
W/L	
W/L	
Modbus	Modbus
ISO	PV-PE ISO
	PV
Sunspec	Sunspec



## 8.3 App

SolarGo App

WiFi

WiFi+LAN

4G

- 1.
  - 2.
  - 3.
- 
-

# 9

## 9.1



- 1
- 2
- 3

## 9.2



- 1
- 2
- 3
- 4

## 9.3

/

## 9.4

- 1.
- 2.
- 3.

1		1. 2.	1. 2.
2			1.
3			2.  3.
4			1. 2.  3.
5	10min	10min	1. 2.   10min
6			1. 2.

7			1. 2.
8			
9		LVRT	1. 2.
10		HVRT	
11	30mAGfci		1. 2.
12	60mAGfci		
13	150mAGfci		
14	Gfci		
15	DCI		1. 2.
16	DCI		
17		1. 2.	1. 2. 3. " "
18		1. 2. L N	1. 2. L N
17			-

21		1. 2	
22			
23			
24		1. 2. 3.	5
25		1.	
26		2. 3.	
27	Flash	Flash	
28		1. 2.	
29			5
30	INV	1. 2. 3.	1. 2. 3. /
31	1.5V		5
32	0.3V		/
33		1. PV	
34		2. BUS	
35		3.	
36	BUS CPU1		5
37	PBUS CPU1		
38	NBUS CPU1		
39	PV		

40	PV	1. 2.	5
41	PV	1. 2.	5
42	1~ 12	PV	
43	PV		1. 2. /
44	BUS		1. 2. /
45	BUS	boost	5 /
46	BUS	1. 2.	5 /
47			5 /
48			
49			
50	R		
51	S		/
52	T		
53	PV		5
54	PV		/
55	PV HCT	boost	5 /
56		1 2 3	1. 2. 3. /

## 9.5



	/	1 / -1 /
		1 /
	10	1 /
		1 / -1 /
		1 /

## 10

		GW80K-SMT
V		1100
MPPT	V	180-1000*1
MPPT	V)	500-850
V		200
V		600
MPPT	A	42
MPPT	A	52.5
	A	0
MPPT		6
MPPT		2
kW		80
kW		88
kVA		88
V		220/380, 3L/N/PE 3L/PE
V		323-457
Hz		50
		45-55
A		128.0
A		122.0@ 380V 116.0@ 400V
		-1 0.8 0.8
		<3%
		98.6%
		98.1%



GW80K-SMT	
	Type II (Type I + II )
	Type II
PID	
	-30 ~ +60
	-40 ~ +70
	0 ~ 100%
m	4000
	LED,WLAN+APP, LCD
	RS485, WiFi LAN 4G
	Modbus-RTU
kg	64
× × mm	700*550*260
dB	<65
W	<1
	IP66
	C4 C5
	(2.5~6mm <sup>2</sup> )
	OT/DT 150mm <sup>2</sup>
	4K4H
	III
	DCII / ACIII
	I
	PV C AC C com A



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