

V1. 1

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KE-GT(15-25)KTL4

V1.0	2023-2-16	
V1.1	2023-12-06	12kW



5



	-		
			
			6
			
			5



1	6
1.1	6
1.2	6
1.3	7
1.4	8
2	10
2.1	10
2.2	.....	10
2.3	.....	11
2.4	.....	13
2.5	.....	14
3	.....	16
3.1	.....	16
3.2	.....	16
3.3	.....	19
3.4 RS485	.....	21
3.5	.....	21
4	.....	24
4.1	.....	24
4.2	.....	24
5	.....	25
5.1	.....	25
5.2	.....	27
6	.....	29
7	.....	31
8	.....	32

1

1.1

T

1

98.6%

1.5

20A

1100V

45

2

APP

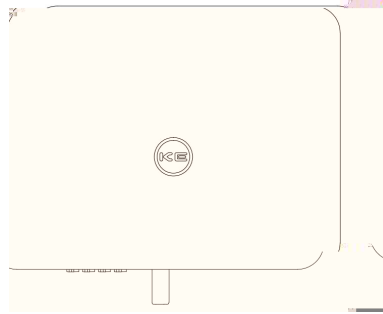
3

IP66

4

5

1.2



1.3

KE-GT25KTL4

DC 输入	
最大输入电压:	1100V
MPPT电压范围:	200~1000V
最大输入电流:	32A*2
MPPT路数:	2
每路MPPT最大连接组串数:	2
AC 输出	
额定输出功率:	25kW
最大输出电流:	3*40A
额定输出电压:	3/N/PE 100V

1. 4

	KE- GT15KTL4	KE- GT17KTL4	KE- GT20KTL4	KE- GT23KTL4	KE- GT25KTL4
	22.5kW	25.5kW	30kW	34.5kW	37.5kW
	1100V				
	180V				
	580V				
MPPT	200V 1000V				
MPPT	2	2	2	2	2
MPPT	2/2	2/2	2/2	2/2	2/2
	32A*2	32A*2	32A*2	32A*2	32A*2
	40A*2	40A*2	40A*2	40A*2	40A*2
	15kW	17kW	20kW	23kW	25kW
	16.5kVA	18.7kVA	22kVA	25.3kVA	27.5kVA
	3*24A	3*27A	3*32A	3*37A	3*40A
	3/N/PE, 400V				
	300V 480V				
	50Hz				
	45Hz 55Hz				
	0.99 0.8 0.8				
	3%				
	0.5%				
	98.47%	98.50%	98.51%	98.56%	98.63%
	98.00%	98.03%	98.07%	98.09%	98.11%
	98.00%	98.03%	98.07%	98.09%	98.11%
RCD					



	520mm*410mm*220mm				
	20kg	21kg	21kg	21kg	21kg
	IP66				
	1W				
	-30 60				
	0 100%				
	69dB				
	4000m		2000m		
	LED				
	RS485				
	4G/WIFI				
	CNCA/CTS0002-2014 NB/T 32004-2018				

2

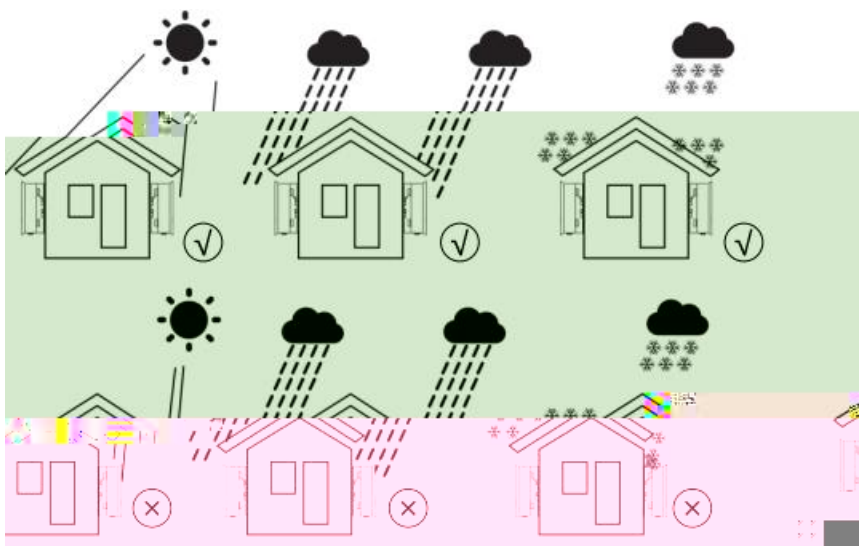
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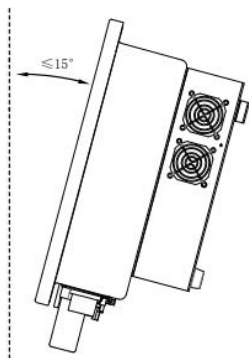


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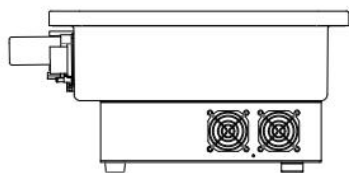
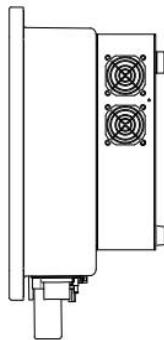
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2		1	
3		2	
4		4	
5		4	
6		1	
7		1	
8		1	
9		1	

2.3





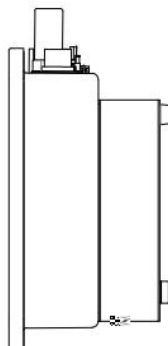
2.2



2.3

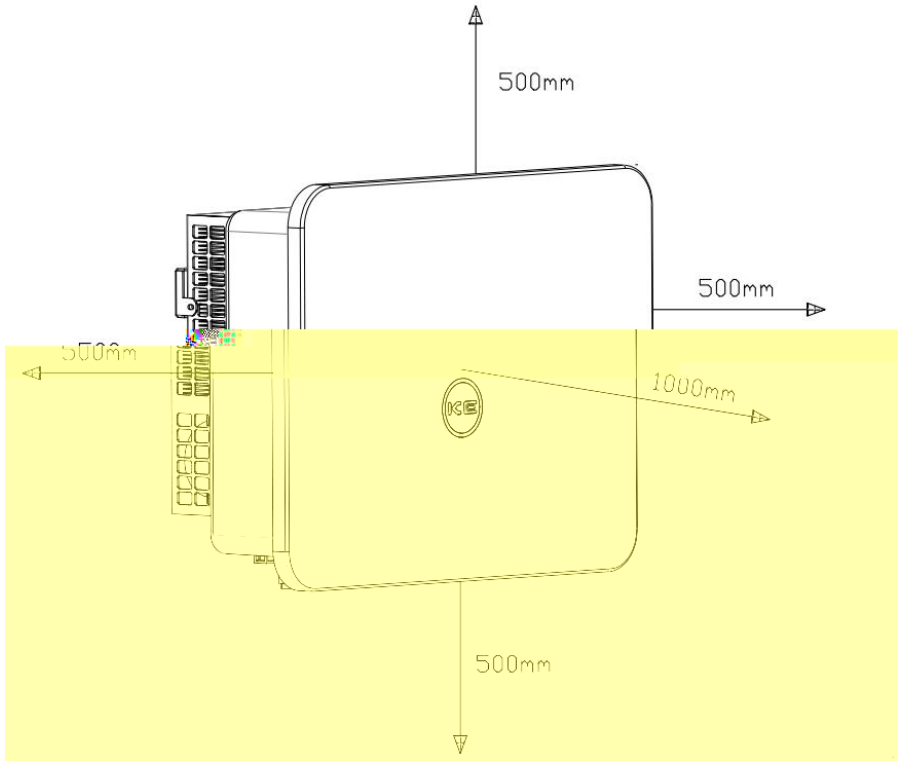
IP66

15



LED

2.4



2.4

75

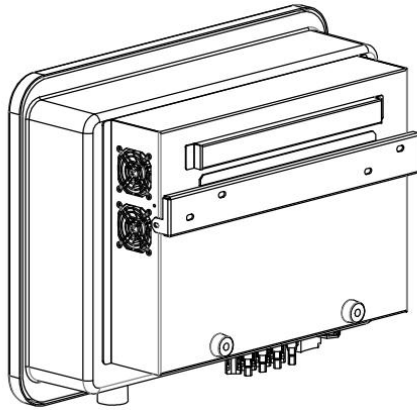
-30-60

500mm

500mm

4.

2.7

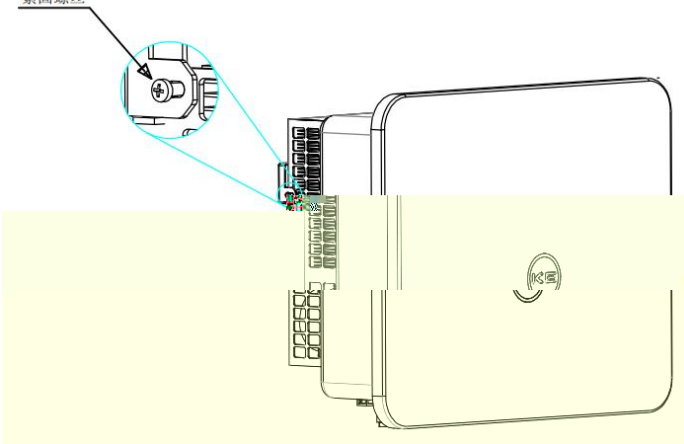


2.7

5.

(2.8)

紧固螺丝



2.8

3

3.1

KE-GT 15-25 KTL4

3.1

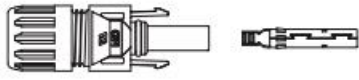
+	
-	
DC1	1
DC2	2
USB	
RS485	

3.1

- 1.
- 2.
- 3.
- 4.

3.2

3.1 3.2



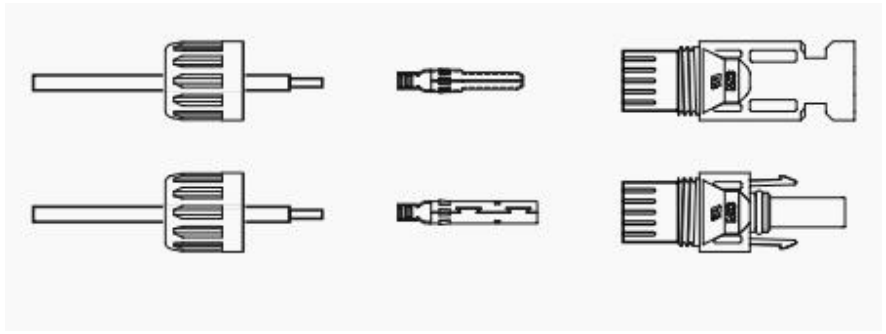
3.1 (PV+)



3.2 (PV-)

1. 7mm

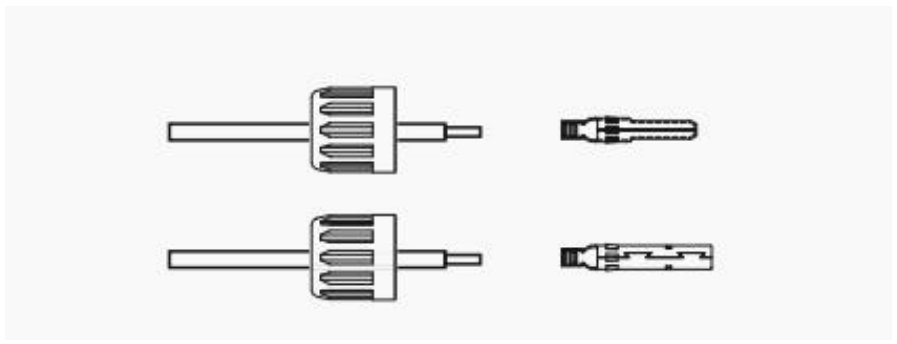
3.3



3.3

2

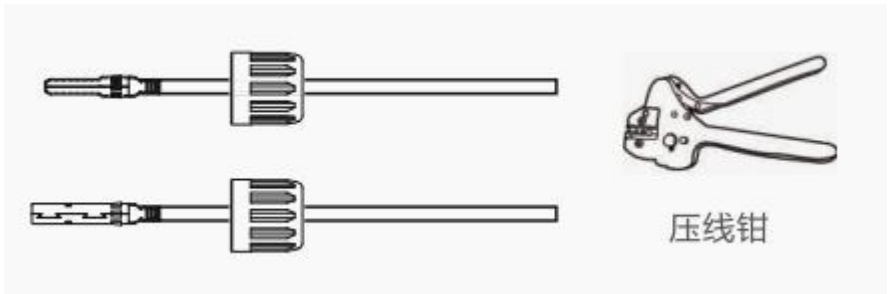
3.4



3.4

3

3.5

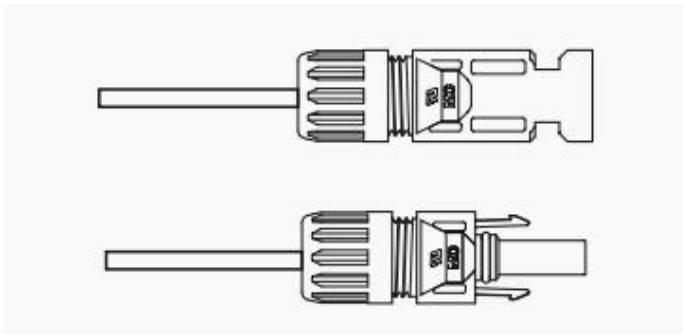


3.5

4.

3-4Nm

3.6



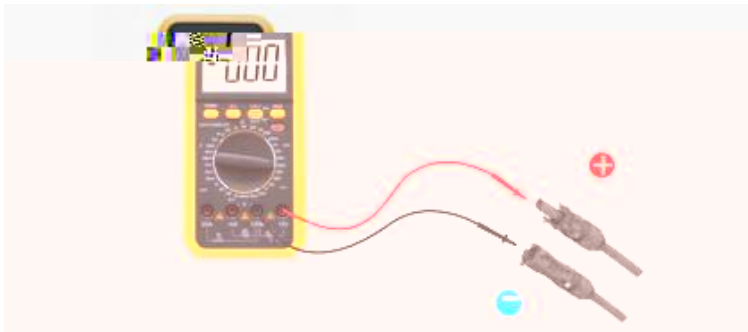
3.6

5.

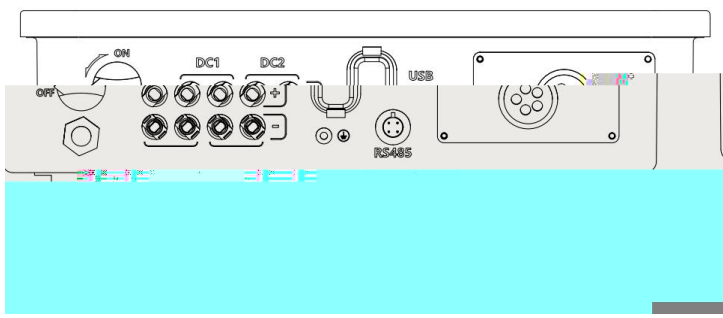
PV

(3.7)

3.8



3.7



3.8

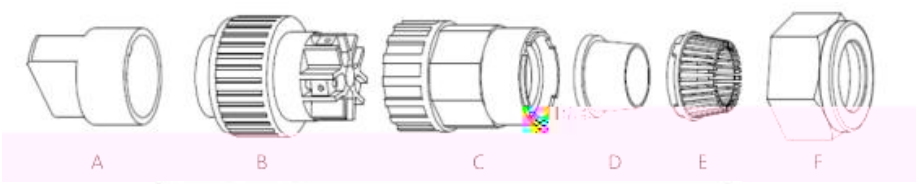
	mm ²		mm
PV1-F	4.0~6.0 (12~10AWG)	4.0 (12AWG)	5.5~9.0

3.3

KE-GT 15-25 KTL4

6-16mm², YJV-0.6/1KV

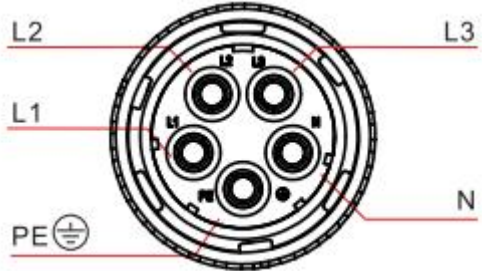
1.5ohm



配件	序号	说明
交流连接器	A	塑料夹具（辅助安装）
	B	接线端子
	C	绝缘壳体
	D	较厚的密封圈适用于外径12-18mm的线缆 较薄的密封圈适用于外径16-21mm的线缆
	F	地线钉
	F	螺母

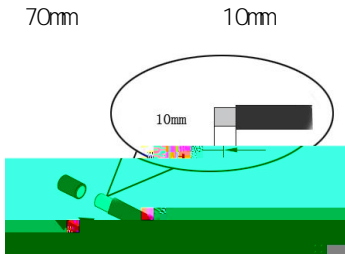
3.9

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



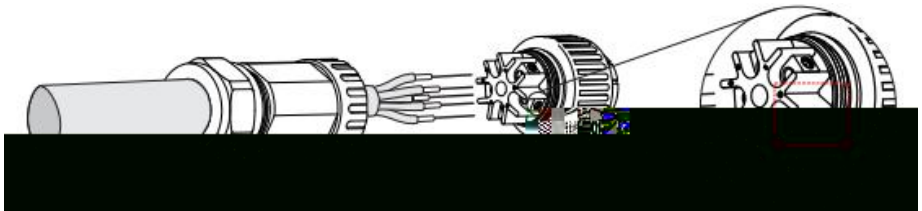
3.10

1.



3.11

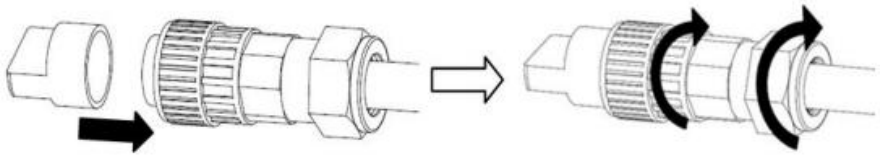
2.



3.12

3.

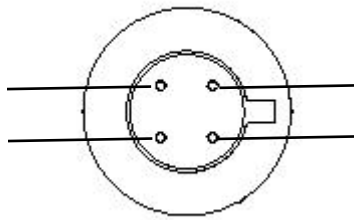
3-4N m



3.13

4.

3.4 RS485



PI N

RS485_1	2	A1 RS485	+
	1	A1 RS485	-
RS485_2	4	A2 RS485	+
	3	A2 RS485	-

3.2

3.5

1. : 6mm²

2. OT M6

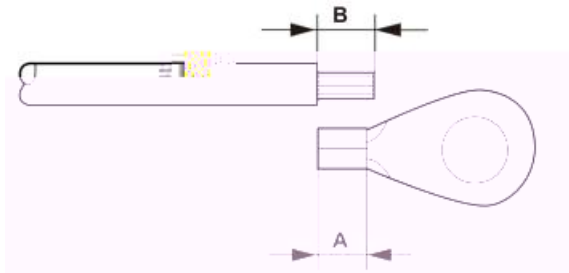


重要:

对于不同类型的设备，所有设备制造商应遵循同一标准，以确保接地性能符合标准。

3.

3.14)



3.14



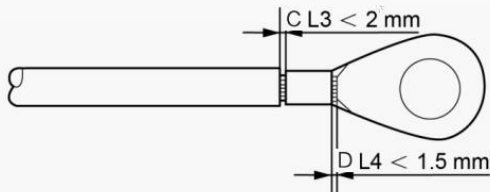
重要:

B (绝缘剥离长度) 比A (OT线缆端子压接区域) 长2mm~3mm。

4.

OT

3.15



3.15



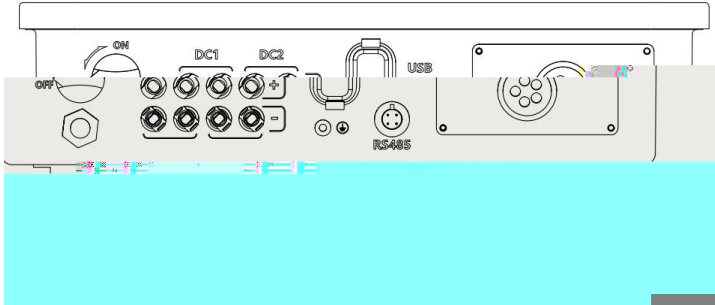
重要:

将端子压接到线缆后，检查连接以确保端子牢固地压接到线缆上。

5.

6.

3.16



3.16



4

4.1

DC AC
DC AC
AC

4.2

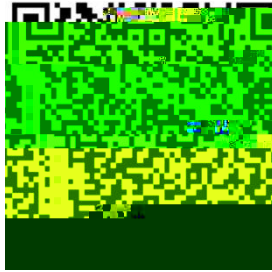
- 1.
- 2.
- 3.

- 1.
2. 30 LED 30

5

5.1

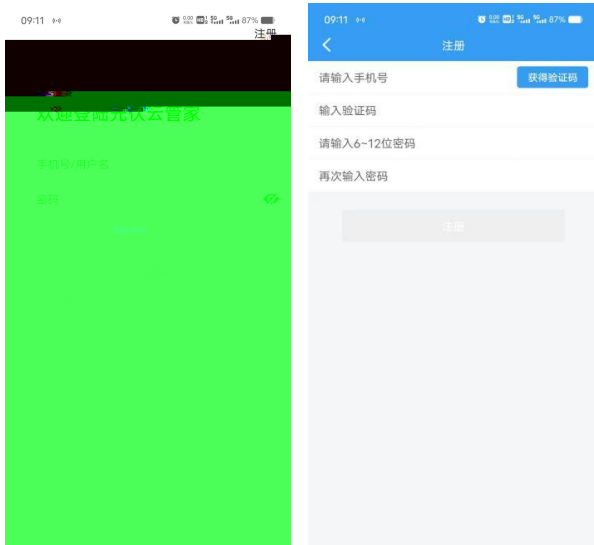
APP



5.1 APP

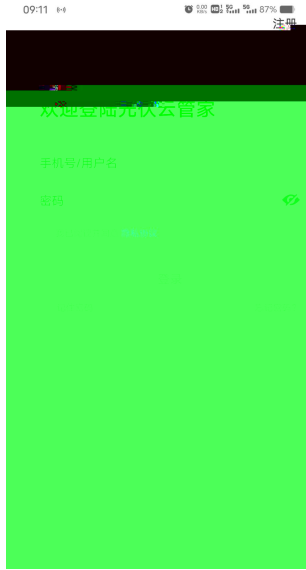
APP

5.2



5.2

5.3



5.3

“ ” “ ” “ ” “ ” “ ” “ ”

“ ”

“ ”

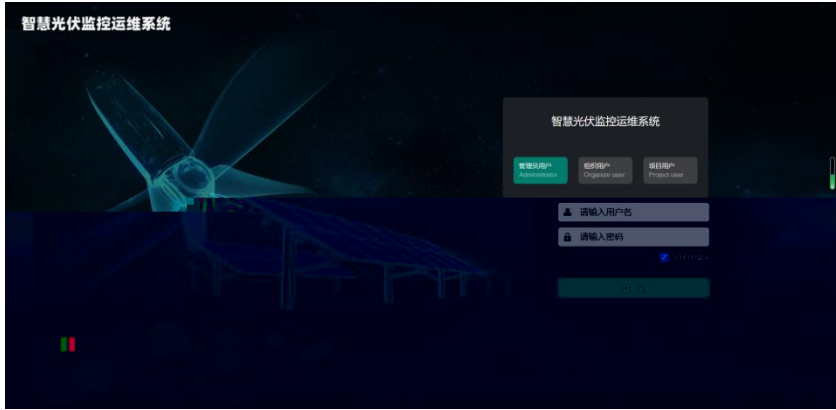


5. 4

5. 2

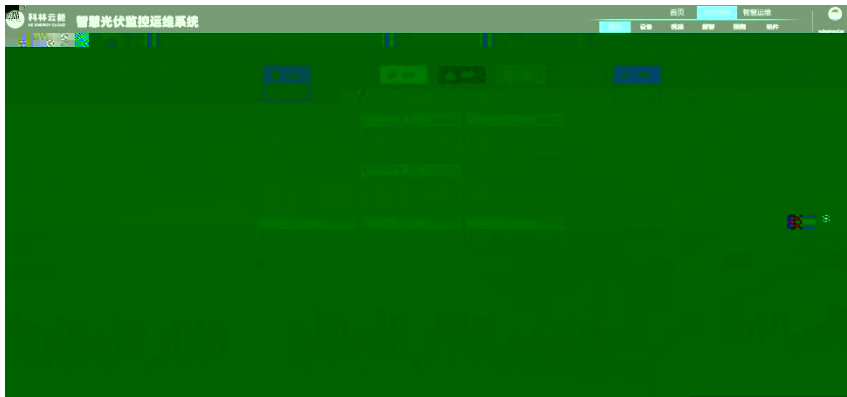
http://sol ar. ke-energycl oud. com 8301/energycl oud_sol ar /#/

5. 5



5. 5

5. 6



5. 6

6

6.1

2\$@ 

	4
	1 2 3
	1 2
	1 2
	1 2
	1 2 3
	1 2
	1 2
	1 2
	1 2
	1 2
	1 2

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