

V1.1

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KE-GT(15-25)KTL4

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



5



➢ KE-GT(15-25 KTL4,

2 0.5

| | | | |
|---|---|---|---|
|  | - |  | |
|  | |  | |
|  | |  | 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

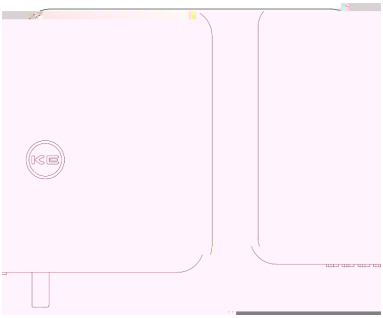
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5

-
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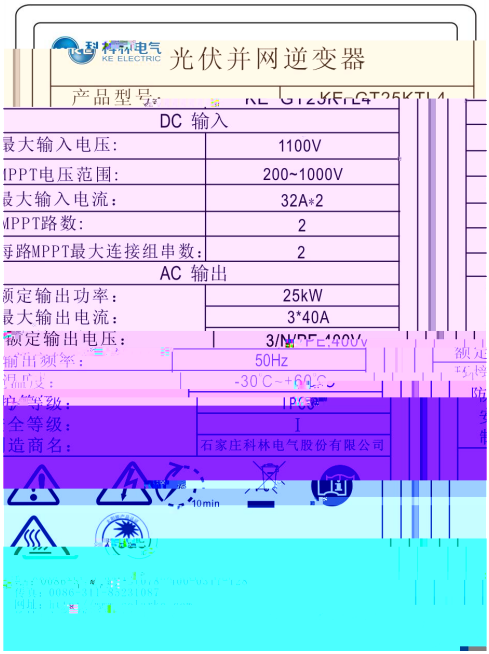
- P-F Q-U

## 1.2



## 1.3

KE-GT25KTL4



## 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/ | | | | |



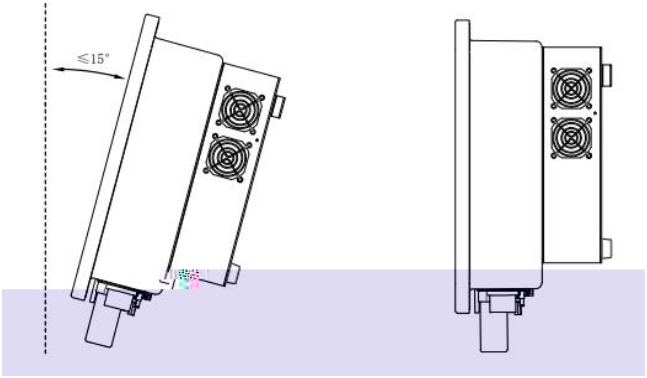


| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | 520mm*410mm*220mm | | | | |
| | 20kg | 21kg | 21kg | 21kg | 21kg |
| | | | | | |
| | IP66 | | | | |
| | 1W | | | | |
| | -30 60 | | | | |
| | 0 100% | | | | |
| | 69dB | | | | |
| | | | | | |
| | 4000m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

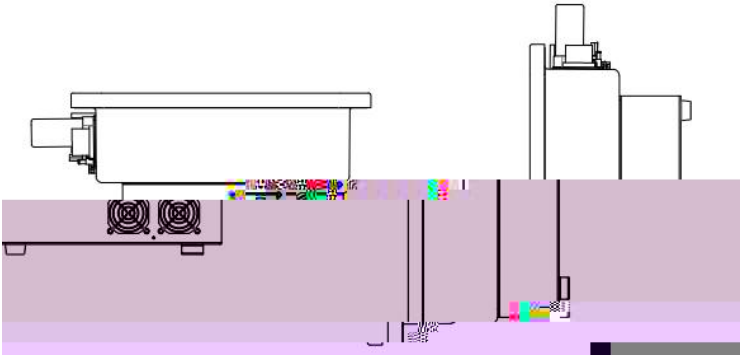
# 2

## 2.1






2.2



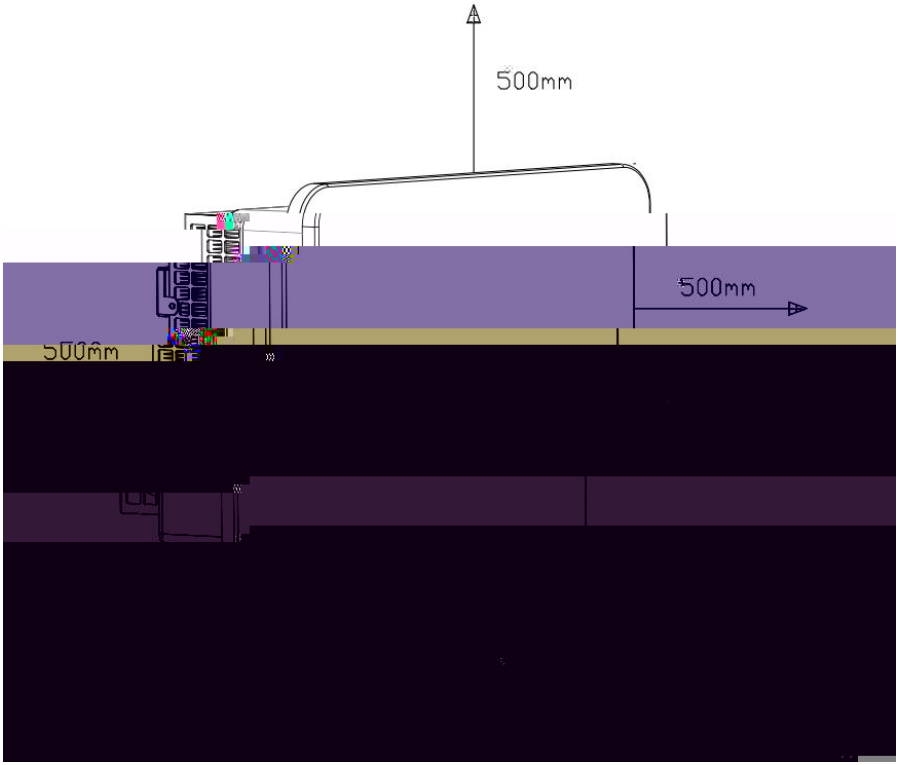
2.3

i IP66

i

i

## 2.4




2.4

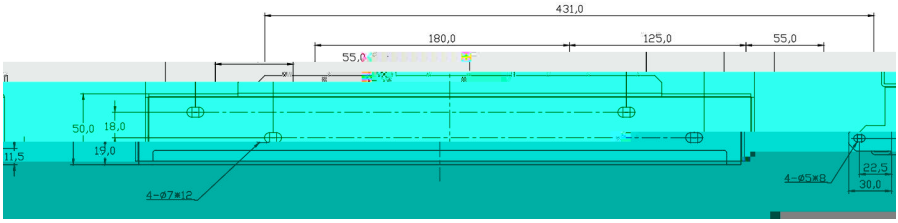
i 75

i -30-60

i 500mm ,

500mm

## 2.5

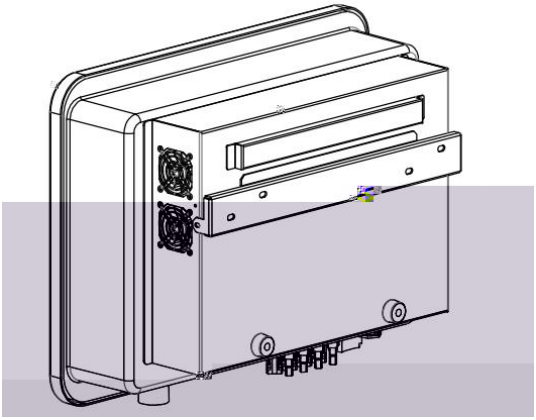



2.5

1╣

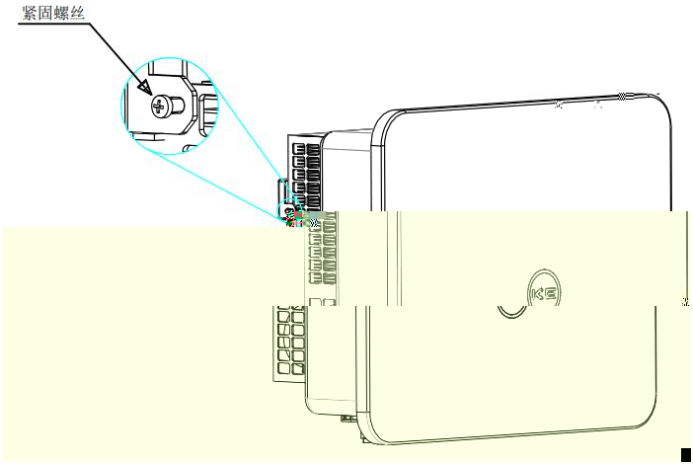
4.

2.7



2.7

5. ( 2.8)




2.8

# 3

## 3.1

KE-GT 15-25 KTL4

3.1

| | |
|---|---|
| + | |
| - | |
| DC1 | 1 |
| DC2 | 2 |
| USB | |
| RS485 | |

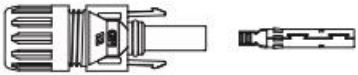
3.1

1.
2.
3.
4.

## 3.2

i
i
i

3.1 3.2



3.1 (PV+)



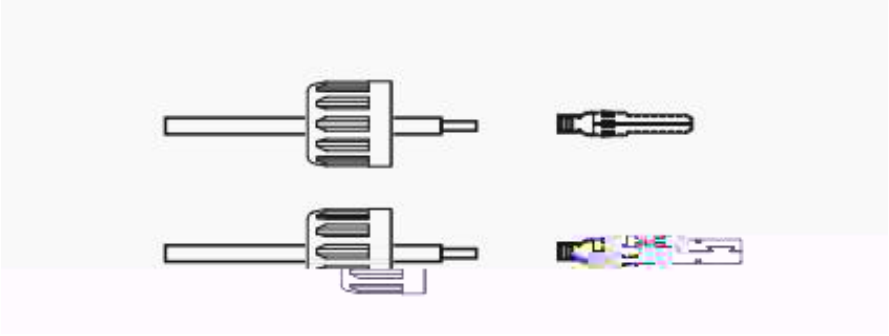
3.2 (PV-)

1. 7mm 3.3



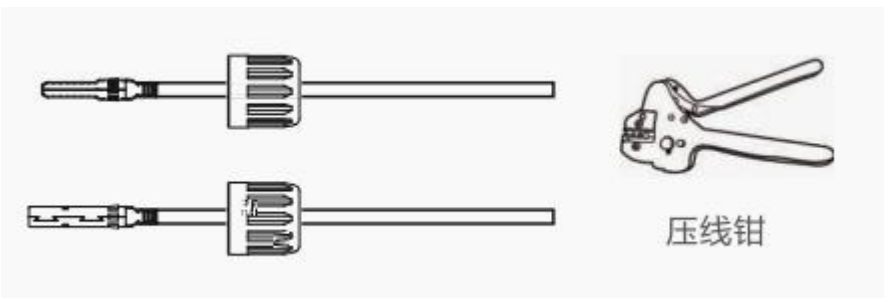
3.3

2. 3.4



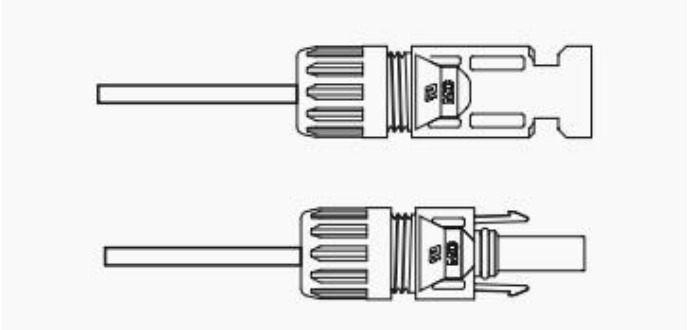
3.4

3. 3.5




3.5

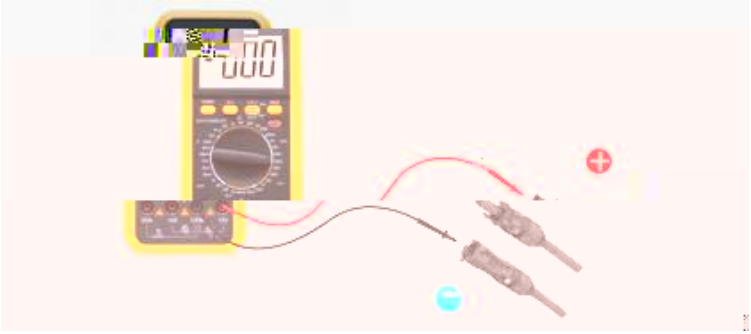
4. 3-4Nm 3.6



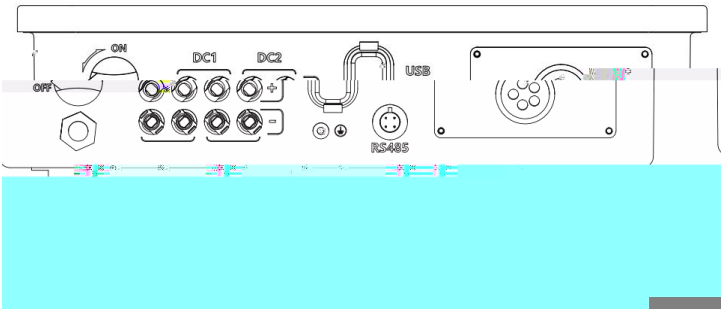
3.6

5. PV ( 3.7 )

3.8



3.7



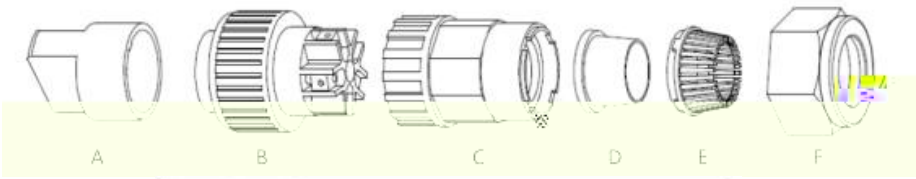

3.8

| | mm² | | 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

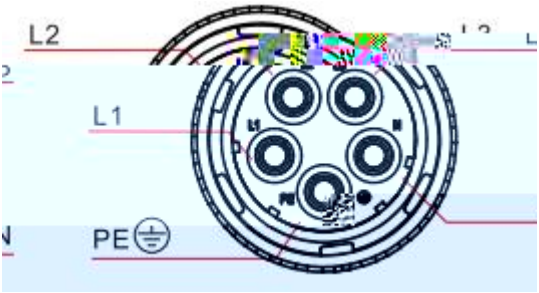



| | | 说明 |
|---|---|---|
| 配件 | A | 塑壳夹具（锁扣安装） |
| 交流连接器 | B | 接线防水 |
| | C | 端盖主体 |
| | D* | 较方的卡扣适用于外径12-18mm的线缆<br>较圆的卡扣适用于外径16-21mm的线缆 |
| | E | 压紧件 |
| | F | 端盖 |

3.9

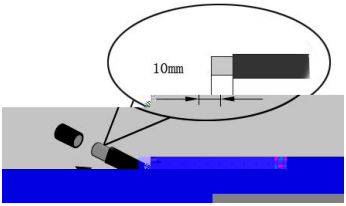
“ L1 ” “ L2 ” “ L3 ” “ N ” “ PE ”

L “ L1 ” “ L2 ” “ L3 ” “ PE ” “ N ”



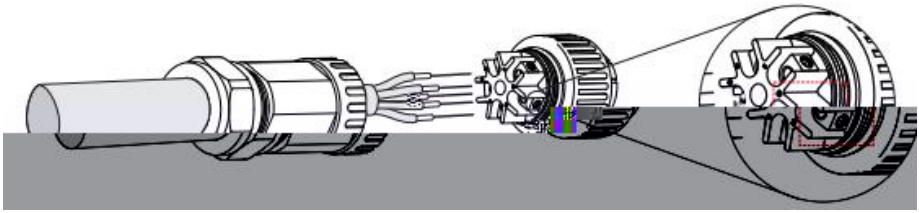

3.10

1. 70mm 10mm




3.11

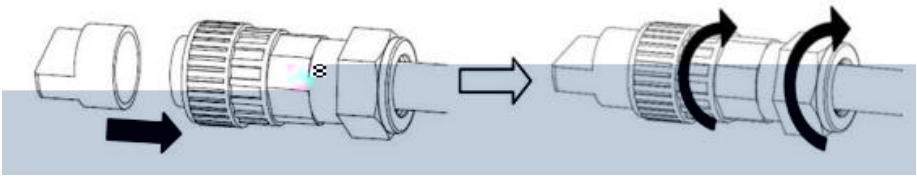
2.



3.12

3.

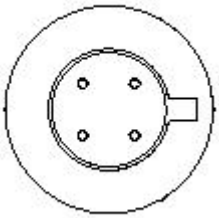
3~4N · m



3.13

4.

## 3.4 RS485

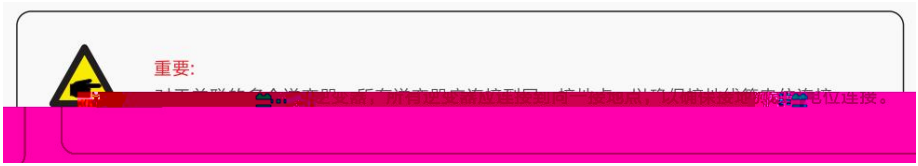


PIN

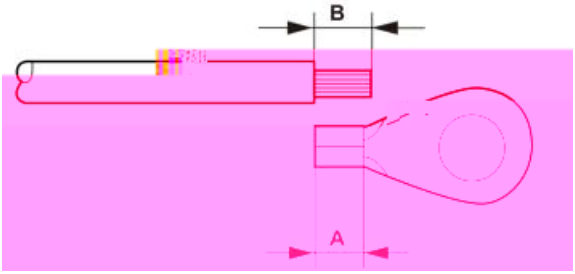
RS485_1

1. : ≥6mm²

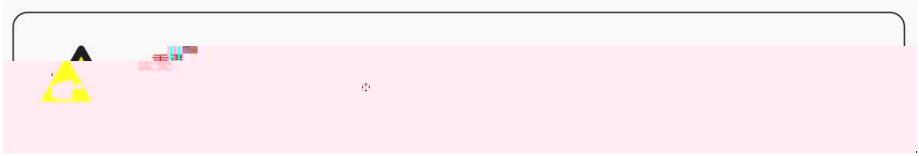
2. OT M6




3. 3.14)

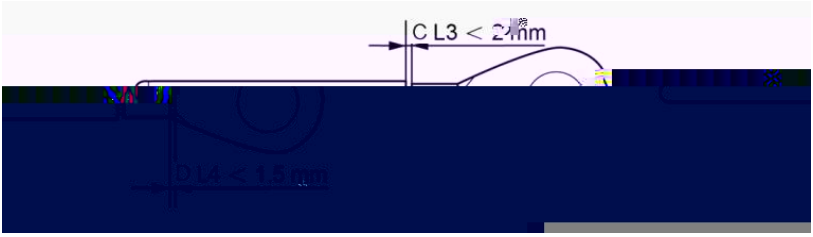



3.14



4. OT

3.15

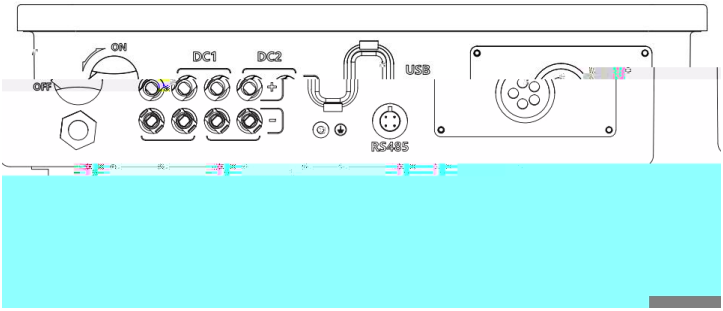



3.15

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.

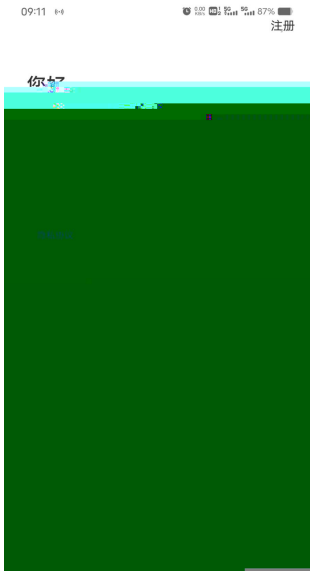
1.

2. 30 LED 30

5.1

APP

5.3




5.3

“ ” → “ ” “ ”

“ ” “ ”

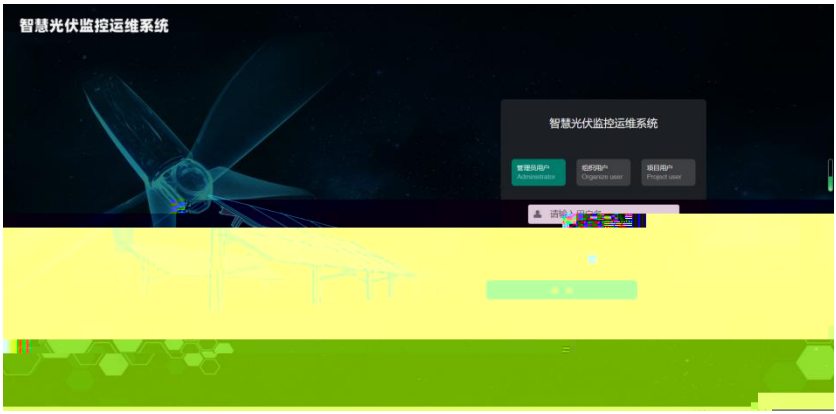



5.4

## 5.2

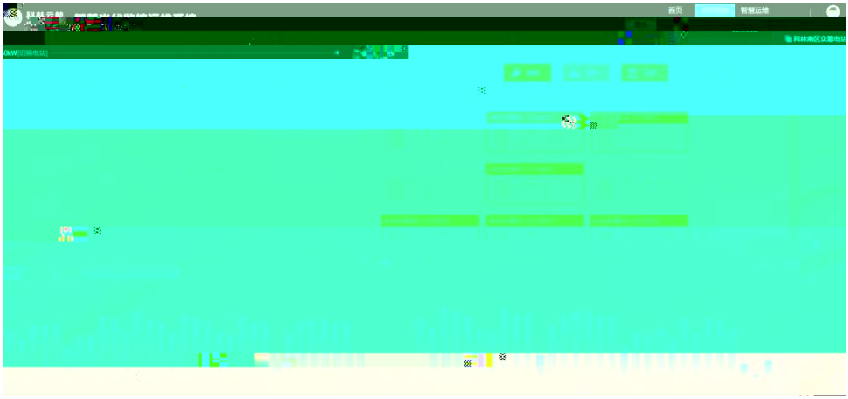
http://solar.ke-energycloud.com:8301/energycloud_solar/#/

5.5




5.5

5.6



5.6

# 6

6.1

1

2 j

| | |
|---|---|
| | 4 |
| | 1<br>2<br>3 |
| | 1<br>2 |
| | 1<br>2 |
| | 1<br>2 |
| | 1<br>2<br>3 |
| | 1<br>2 |
| | 1<br>2 |
| | 1<br>2 |
| | 1<br>2 |
| | 1<br>2 |

6.1

# 8

:

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