



V1. 1

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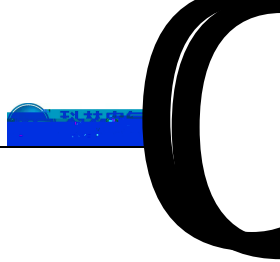
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KE-GT(15-25)KTL4

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



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5





2

0.5

			
			
			6
			
			5



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

---

# 1

## 1.1

T

1

98.6%

1.5

20A

1100V

45

2

APP

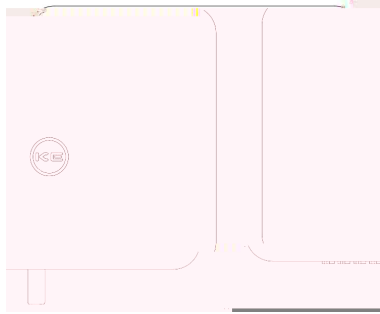
3

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

防护等级: IP65  
 安全等级: I  
 制造商名: 石家庄科林电气股份有限公司

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## 1. 4

	KE- GT15KTL4	KE- GT17KTL4	KE- GT20KTL4	KE- GT23KTL4	KE- GT25KTL4
	22.5kW	25.5kW	30kW 1100V 180V 580V	34.5kW	37.5kW
MPPT			200V 1000V		
MPPT	2	2	2	2	2
MPPT	2/				

1/1

WM K

418W



	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-				

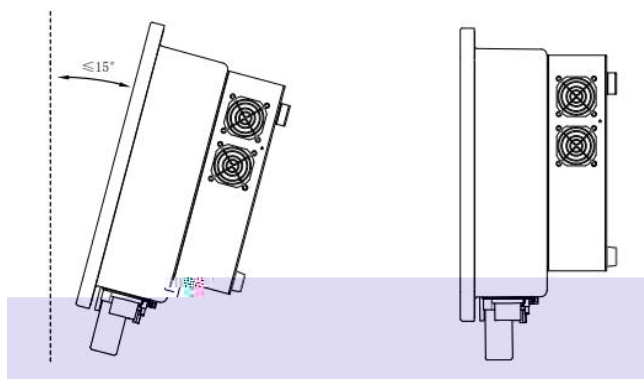
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2

2.1







2.2

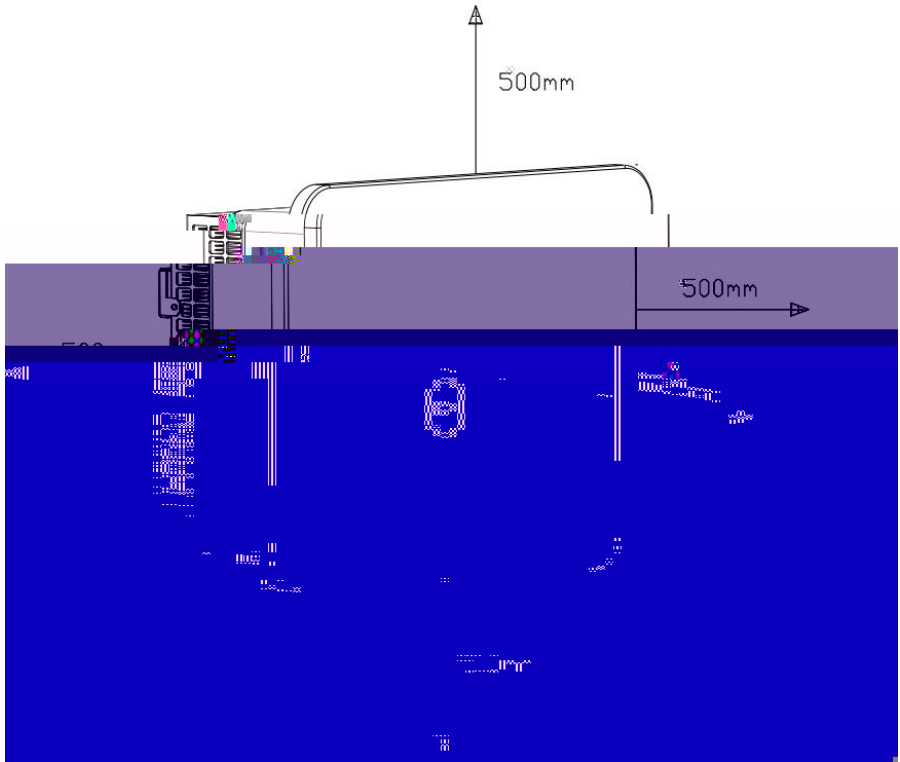


2.3

IP66



## 2.4



2.4

75

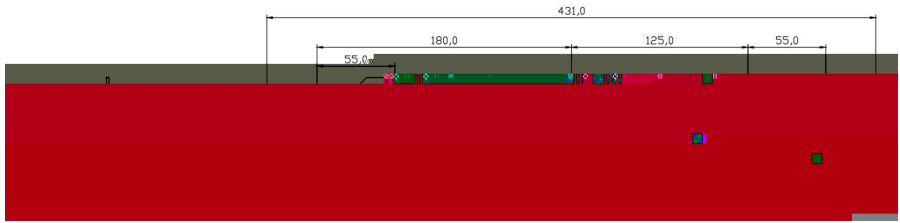
-30-60

500mm

500mm

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2.5



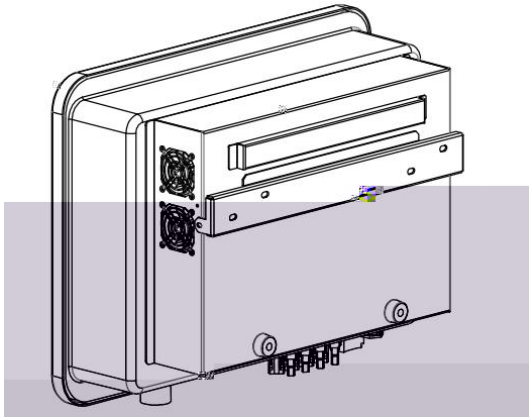
2.5

1



4.

2.7

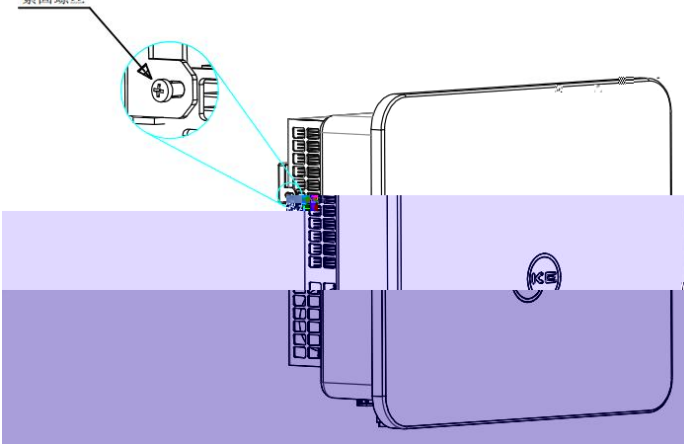


2.7

5.

( 2.8)

紧固螺丝



2.8

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# 3

## 3.1

KE-GT 15-25 KTL4

3.1

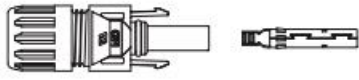
+	
-	
DC1	1
DC2	2
USB	
RS485	

3.1

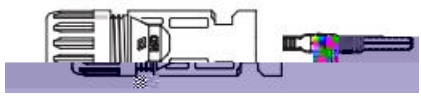
- 1.
- 2.
- 3.
- 4.

## 3.2

3.1 3.2



3.1 (PV+)



3.2 (PV-)

1. 7mm

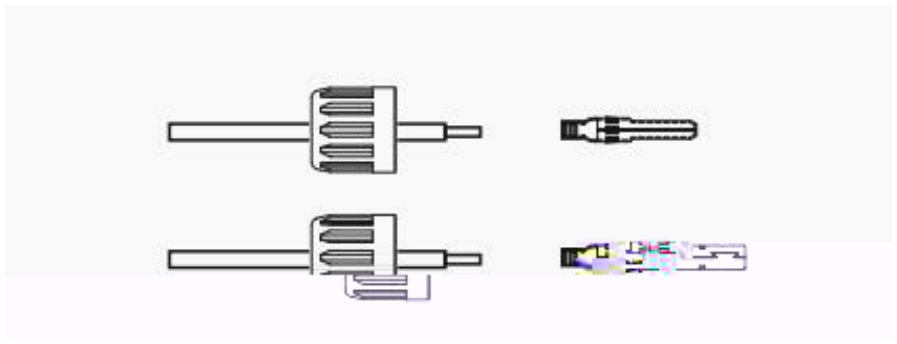
3.3



3.3

2.

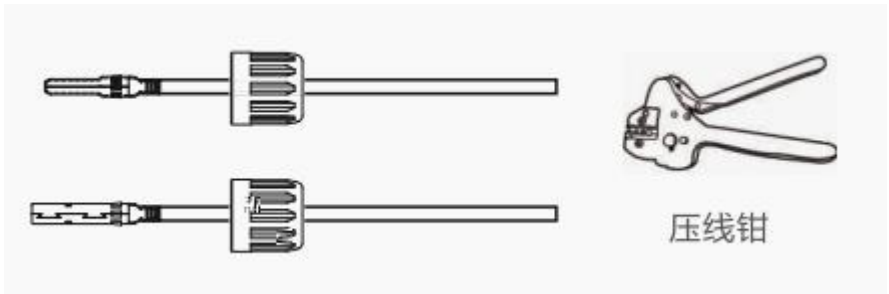
3.4



3.4

3.

3.5

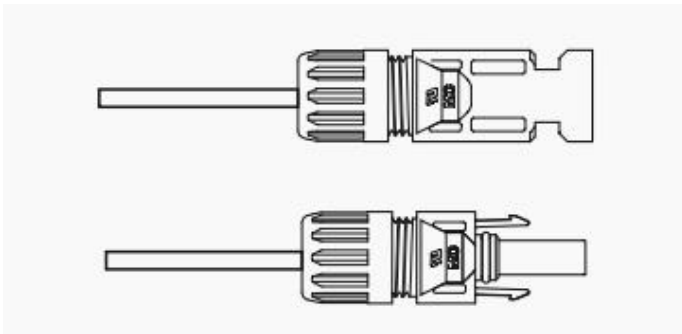


3.5

4.

3-4Nm

3.6



3.6

5.

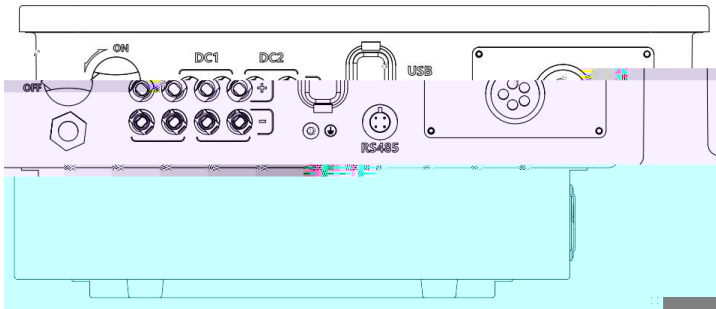
PV

( 3.7 )

3.8



3.7



3.8

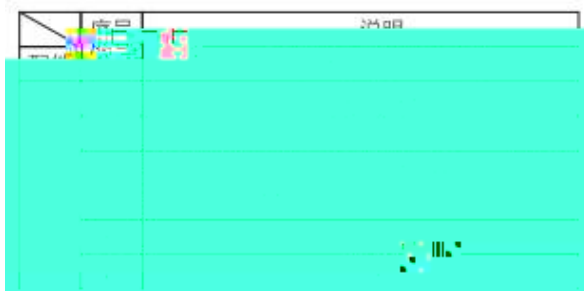
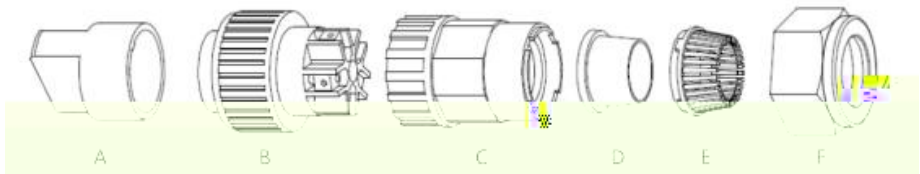
	mm		mm
PV1 - F	4.0-6.0 (12-10AWG)	4.0 (12AWG)	5.5-9.0

### 3.3

KE-GT 15-25 KTL4

6-16mm<sup>2</sup>, YJV-0.6/1KV

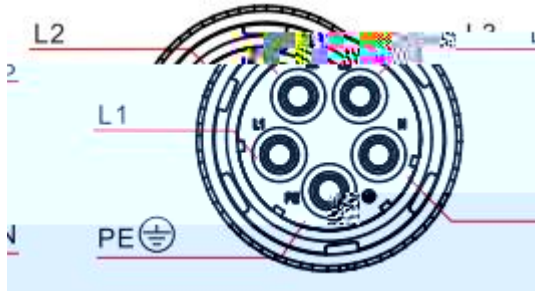
1.5ohm



3.9

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

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

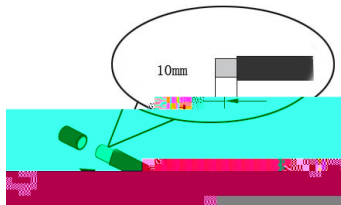


3. 10

1.

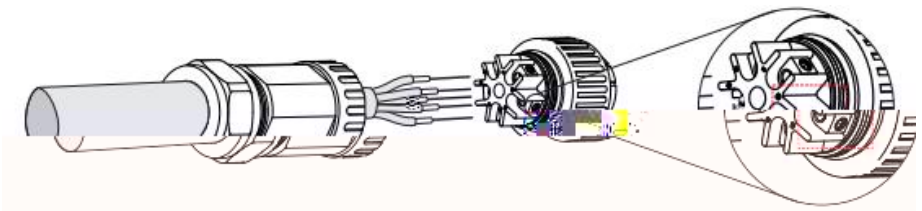
70mm

10mm



3. 11

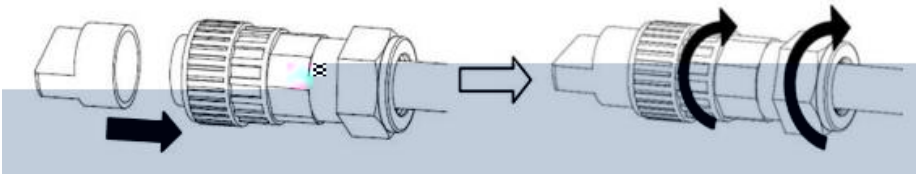
2.



3. 12

3.

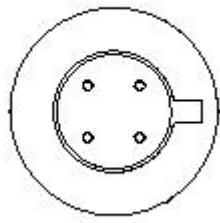
3-4N m



3.13

4.

### 3.4 RS485

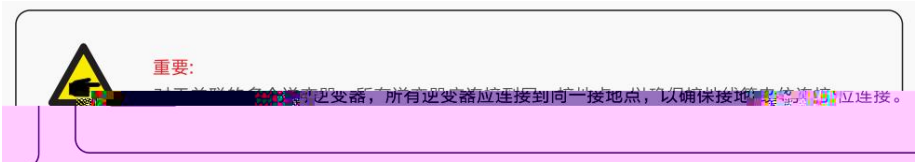


PI N

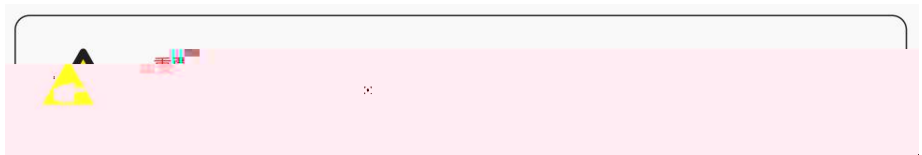
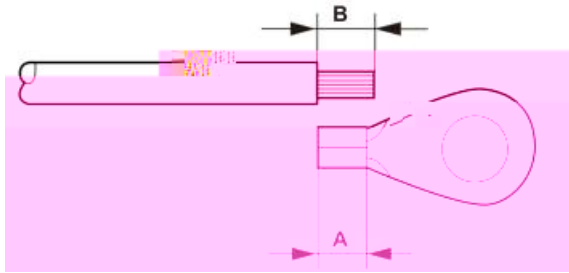
RS485\_1

1. :  $6\text{mm}^2$

2. OT M6

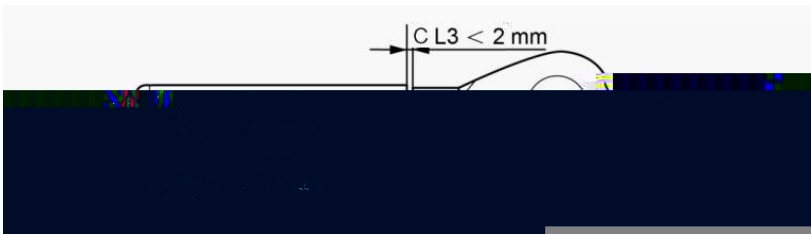


3. 3.14)



4. OT

3.15



3.15



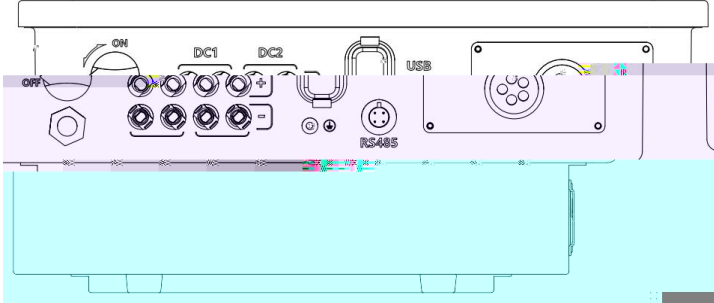
**重要:**

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



5  
b b b b

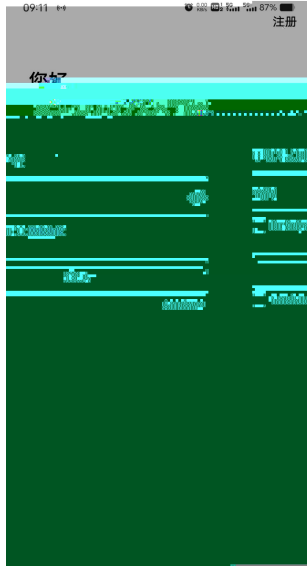
3.1

APP

l

h

5.3



5.3

" " " " " " "

" "

" "

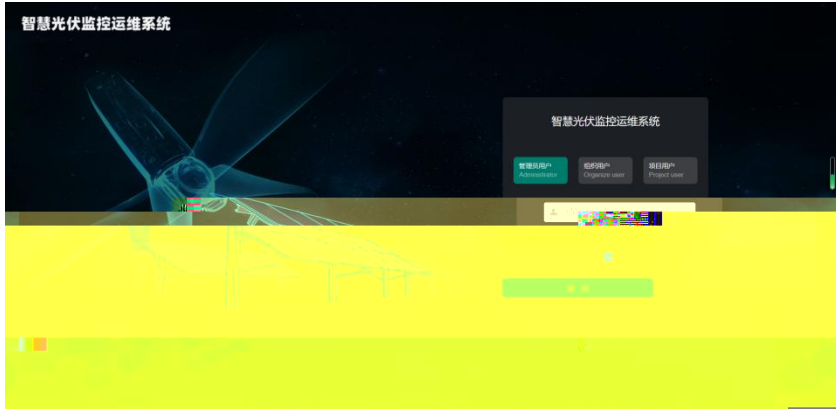


5. 4

## 5. 2

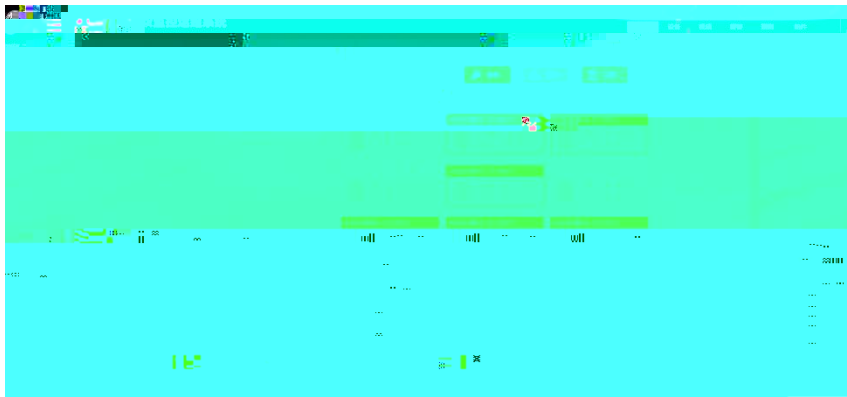
[http://solar.ke-energycloud.com/8301/energycloud\\_solar/#/](http://solar.ke-energycloud.com/8301/energycloud_solar/#/)

5. 5



5. 5

5. 6



5. 6

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# 6

## 6.1

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

6.1



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# 8

:

: 0086-311-85231078 400-0311-128

: 0086-311-85231087

: <http://www.solarke.com/>