



V1.1

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KE-GT(15-25)KTL4

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



5

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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

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-

ψ IP66

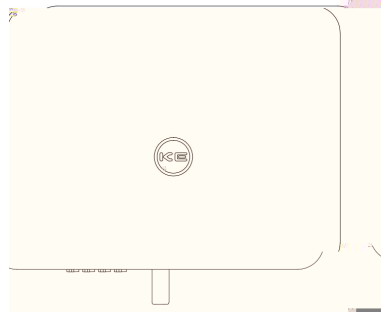
4

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-

5

-
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1.2



1.3

KE-GT25KTL4

光伏并网逆变器	
产品型号: 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
输出频率:	50Hz
温度范围:	-30℃~+60℃
防护等级:	IP65
安全等级:	I
制造商:	石家庄科林电气股份有限公司

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		
MPPT	2	2	2	2	2
MPPT	2/				

1/

9/11 1 K

4W



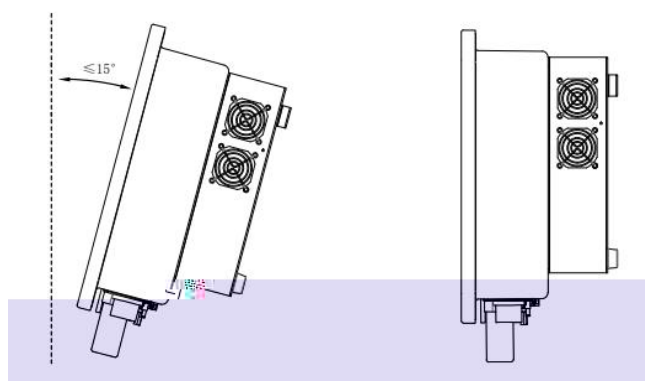
	520mm*410mm*220mm				
	20kg	21kg	21kg	21kg	21kg
	IP66				
	1W				
	-30 60				
	0 100%				
	69dB				
	4000m 2000m				
	LED				
	RS485				
	4G/WIFI				
	CNCA/CTS0002-2014 NB/T 32004-20-				

2

2.1







2.2



2.3

i

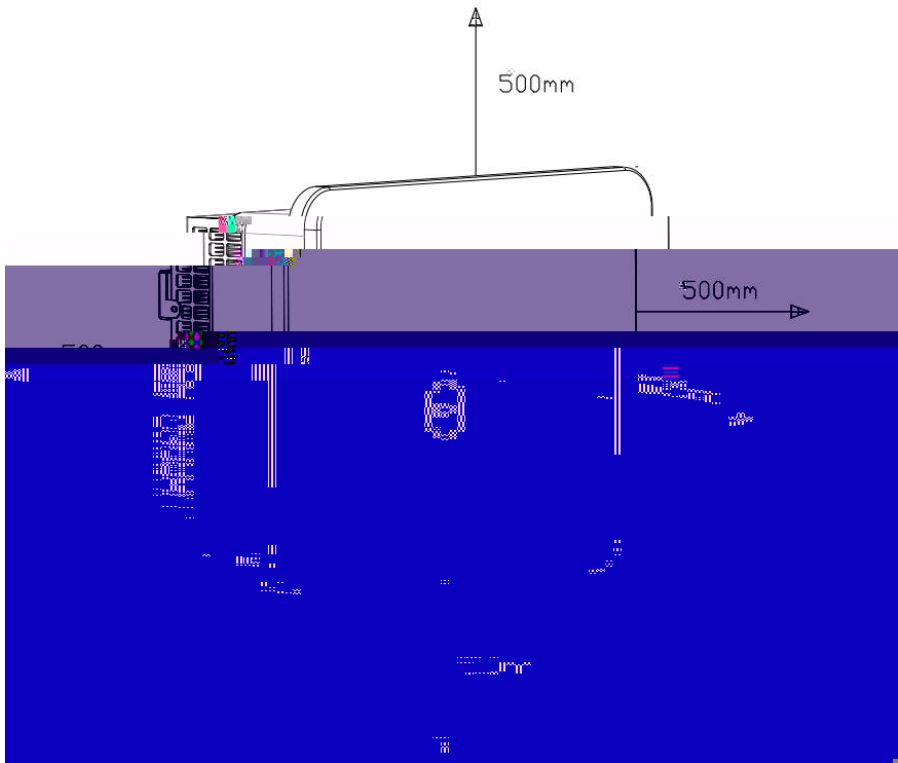
IP66

i



i

2.4



2.4

i

75

i

-30-60

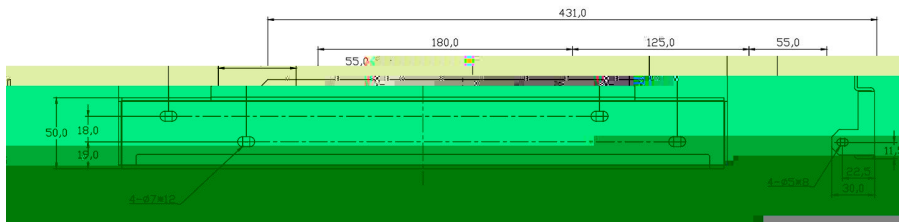
i

500mm

,

500mm

2.5

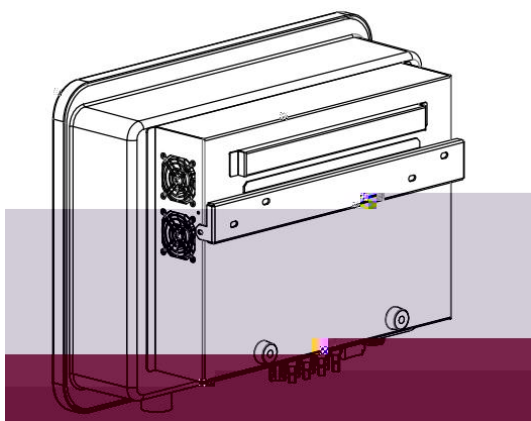


2.5

1=||

4.

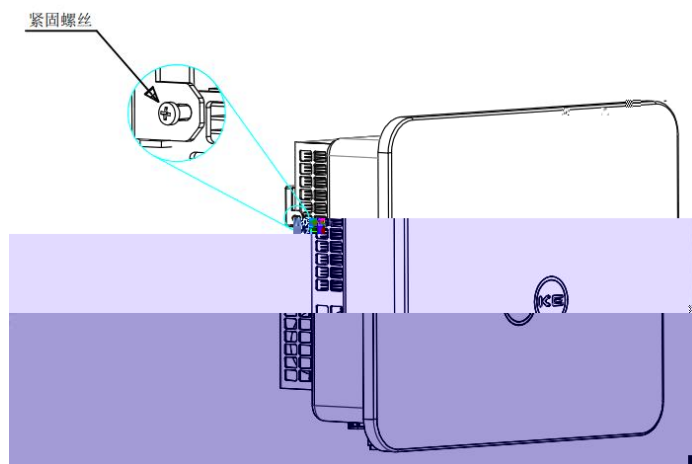
2.7



2.7

5.

(2.8)



2.8

3

3.1

KE-GT 15-25 KTL4

3.1

+	
-	
DC1	1
DC2	2
USB	
RS485	

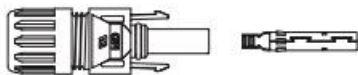
3.1

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

3.2

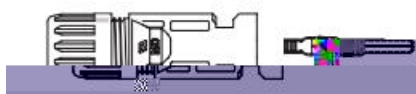
i
i
i

3.1 3.2



3.1

(PV+)



3.2

(PV-)

1.

7mm

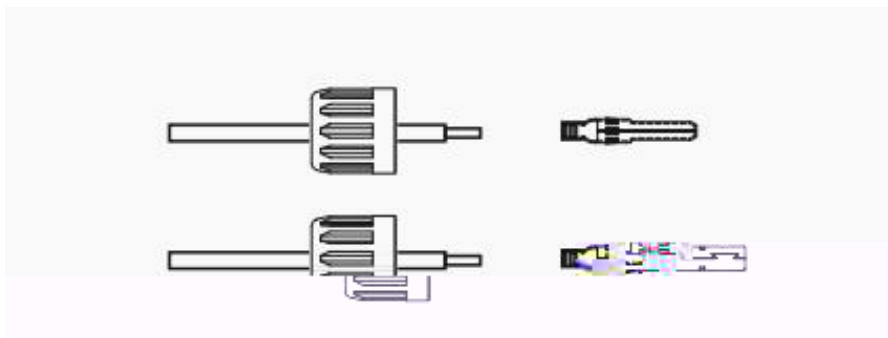
3.3



3.3

2.

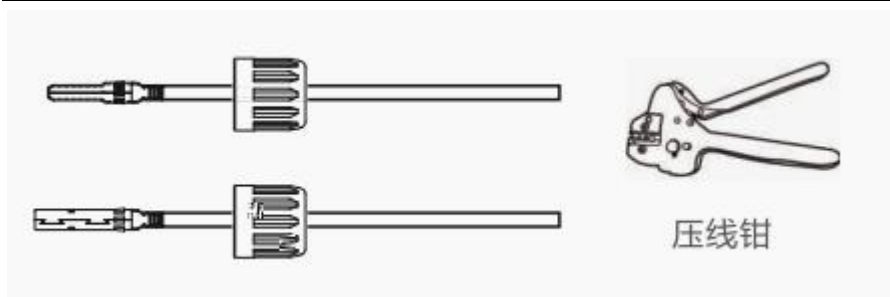
3.4



3.4

3.

3.5

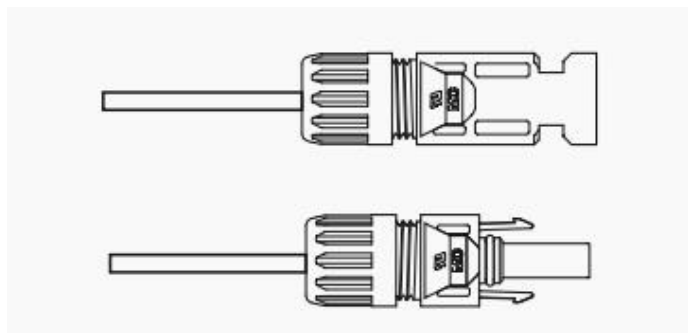


3.5

4.

3-4Nm

3.6



3.6

5.

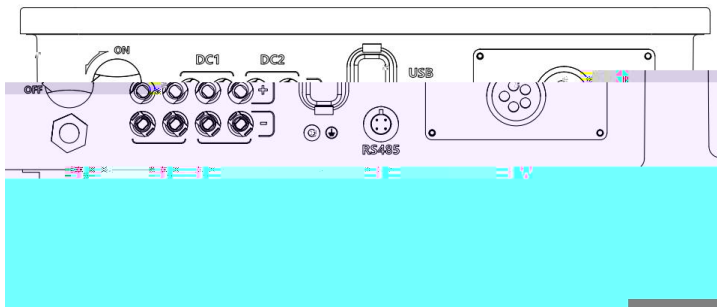
PV

(3.7)

3.8



3.7



3.8

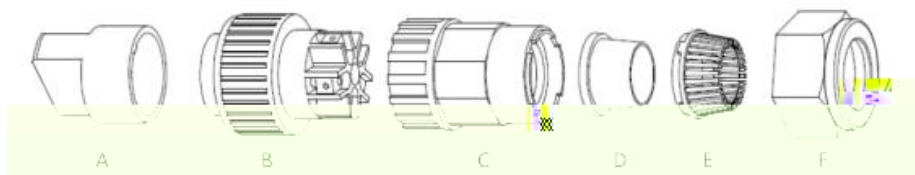
	mm ²		mm
PV1-F	4.0~6.0 (12~10AWG)	4.0 (12AWG)	5.5~9.0

3.3

KE-GT 15-25 KTL4

6-16mm², YJV-0.6/1KV

1.5ohm

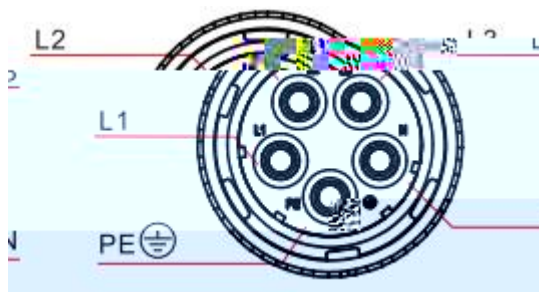


配件	A	塑料夹具（辅助安装）
交流连接器	B	接线端子
	C	螺套主体
	D*	较厚的密封塞适用于外径12~18mm的线径 较薄的密封塞适用于外径16~21mm的线径
	E	抱紧扣
	F	螺帽

3.9

“ L1 ” “ L2 ” “ L3 ” “ N ” “ PE ”

L “ L1 ” “ L2 ” “ L3 ” “ PE ” “ N ”

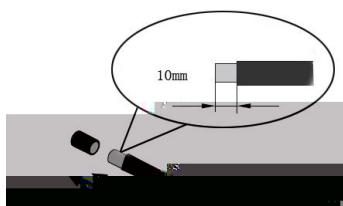


3.10

1.

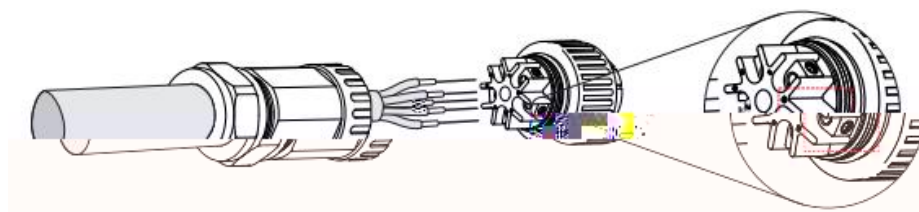
70mm

10mm



3.11

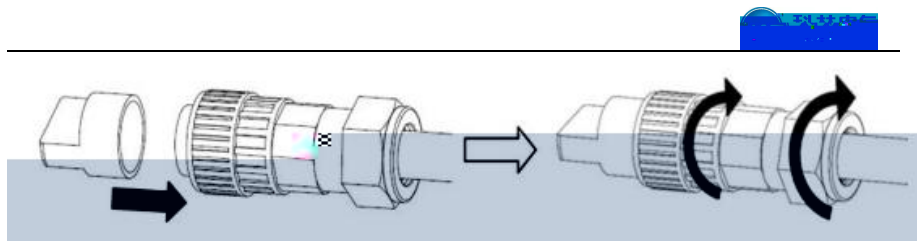
2.



3.12

3.

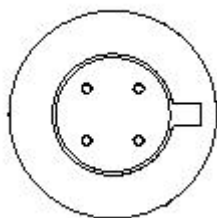
3~4N · m



3.13

4.

3.4 RS485



PIN

RS485_1

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

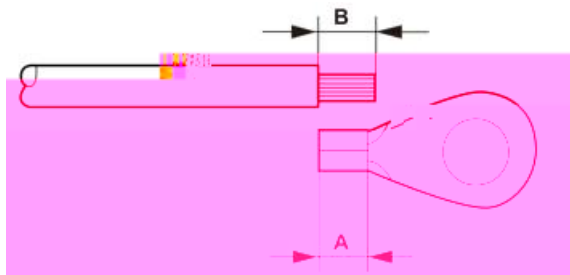
2. OT M6



重要:

对于并联的

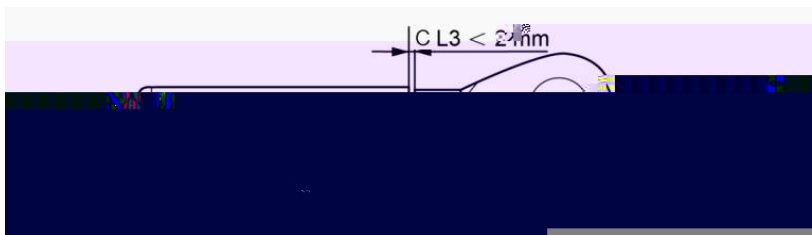
3. 3.14)



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.

4

4.1

DC		AC
DC	AC	
AC		

4.2

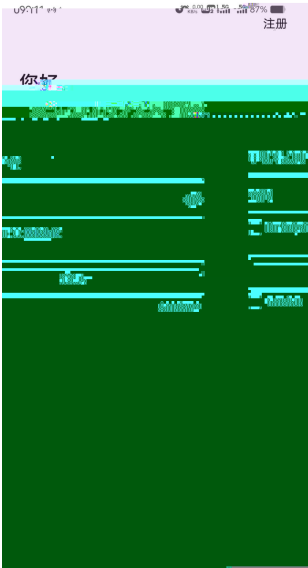
- 1.
- 2.
- 3.

- | | | | |
|----|----|-----|----|
| 1. | | | |
| 2. | 30 | LED | 30 |

5.1

APP

5.3



5.3

“ ” → “ ” “ ”

“ ”

“ ”

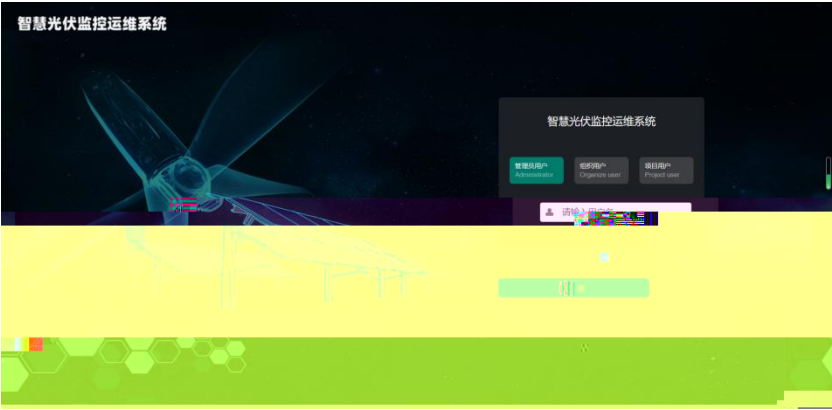


5.4

5.2

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

5.5



5.5

5.6



5.6

6

6.1

1

2°

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

6.1

8

:

: 0086-311-85231078 400-0311-128

: 0086-311-85231087

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