



ASTRONERGY

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# 正泰新能双玻组件 安装手册



**ASTROENERGY**

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1

CHSM48N(DGT)/F-BH	CHSM54M(DG)/F-BH
CHSM54N(DGT)(BLH)/F-BH	CHSM54M(DGT)/F-BH
CHSM54N(DG)/F-BH	CHSM54M(DG)/F-HC
CHSM54N(DGT)/F-BH	CHSM60M(DG)/F-BH
CHSM54N(DG)/F-HC	CHSM60M(DGT)/F-BH
CHSM60N(DG)/F-BH	CHSM60M(DG)/F-HC
CHSM60N(DGT)/F-BH	CHSM66M(DG)/F-BH
CHSM60N(DG)/F-HC	CHSM72M(DG)/F-BH
CHSM72N(DG)/F-BH	CHSM72M(DGT)/F-BH
CHSM72M(DGT)/F-BH	CHSM78M(DG)/F-BH
CHSM60N(DG)/F-HC	

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90

4mm

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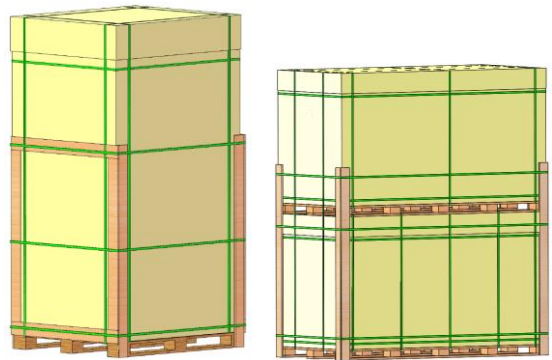
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1.

2.

6

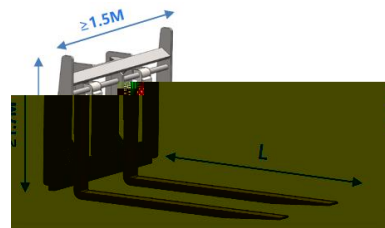
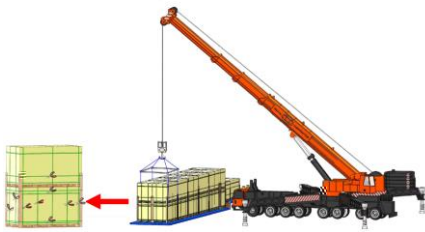
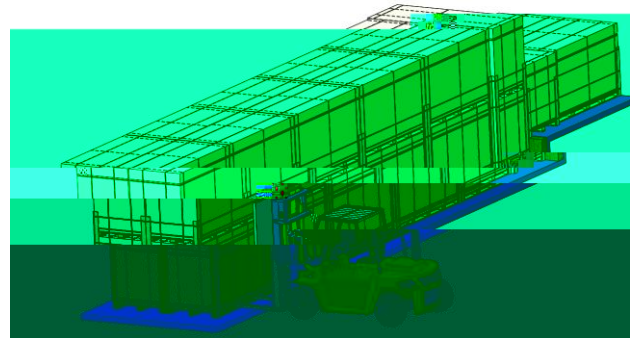
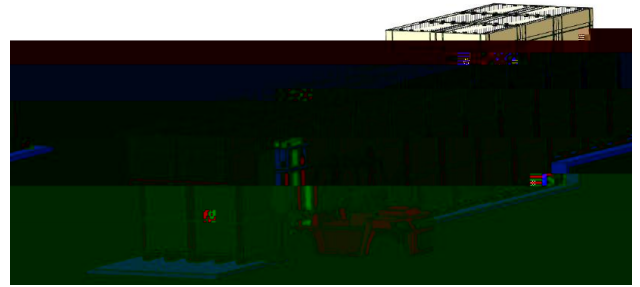
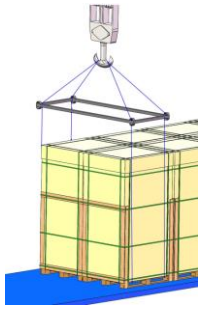
3.

2

2



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1.7M, 1.5M

1.

2.

3/4

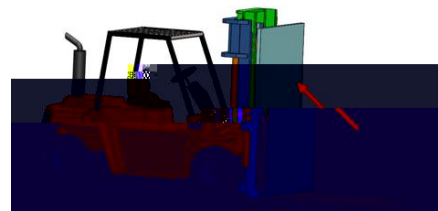
1.7M

1.5M

3.

EPE

L



EPE

4.

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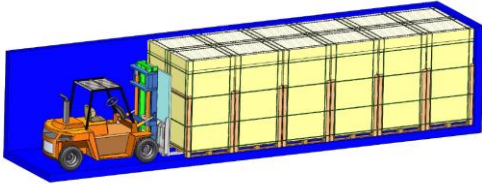


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50mm

1

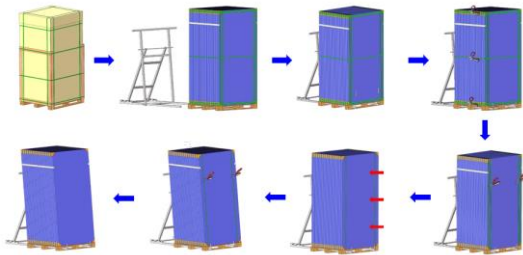






7)

8)



670W-L

670W-H

3.

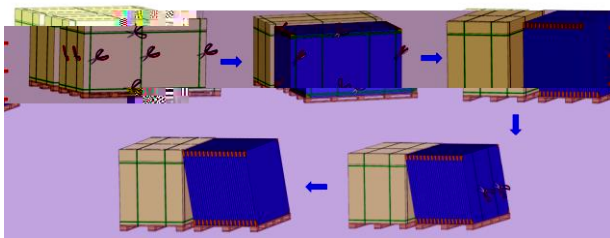
1)

2)

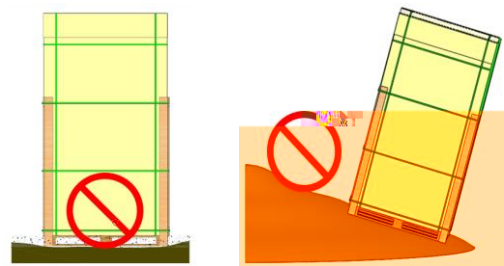
3)

4)

5)



4°



4°

/

-20 +50

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-40 +85

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/ 5400Pa/2400Pa

1.5

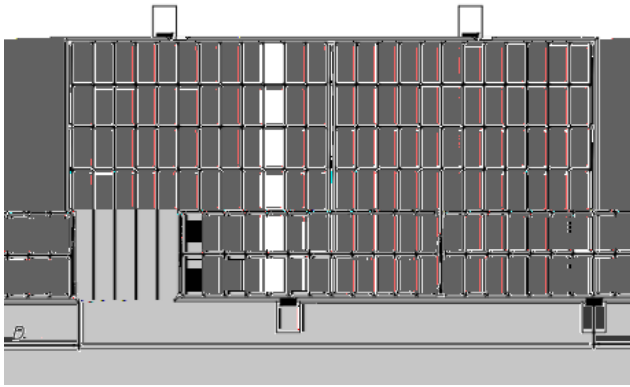
3600Pa/1600Pa

5.3

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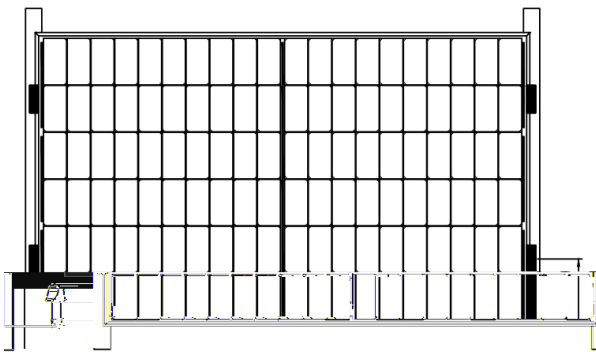
3

M8

M8

4

4

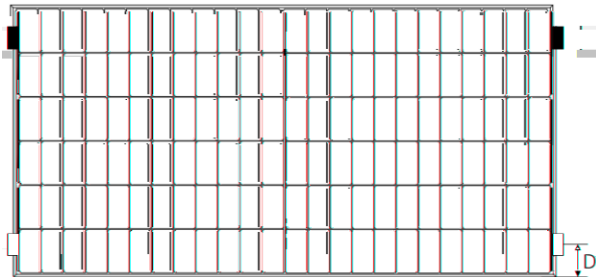


8mm

11mm

5

M8



6

7 8

9 10

a 40 mm, b

16 mm, c 5 mm d 8mm e 15mm, Ø

=9 mm 3mm 182 210

a

60mm

8.8

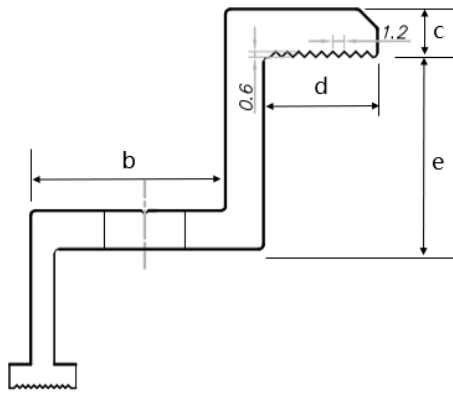
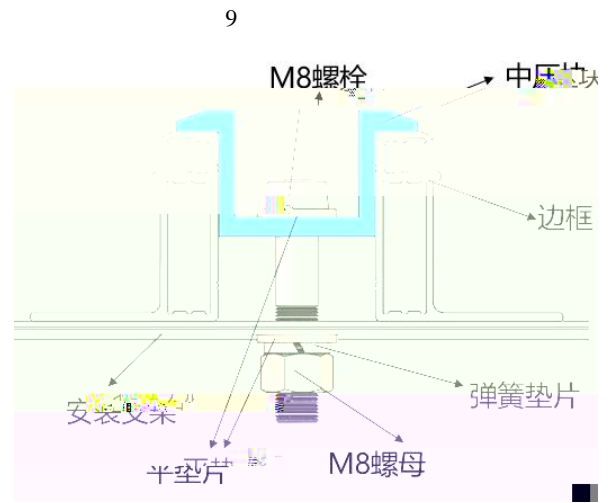
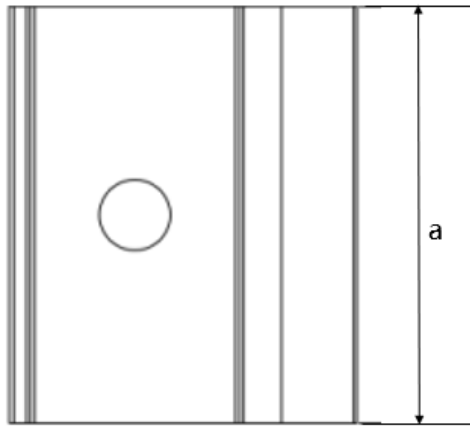
17~23Nm

D

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8

10

A

9

1.2mm

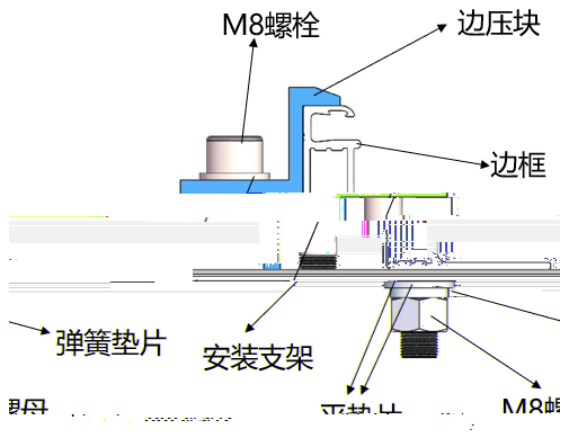
0.6mm

8

3

C

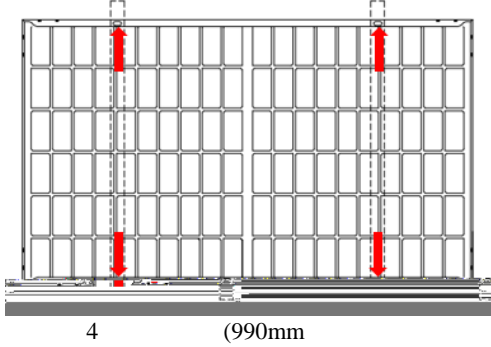
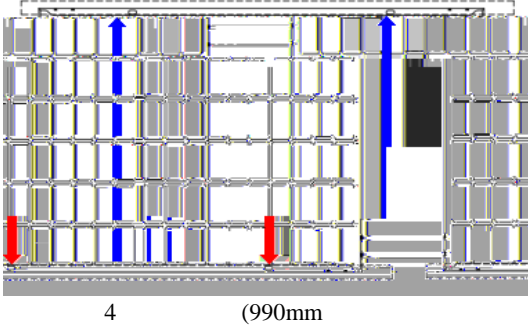
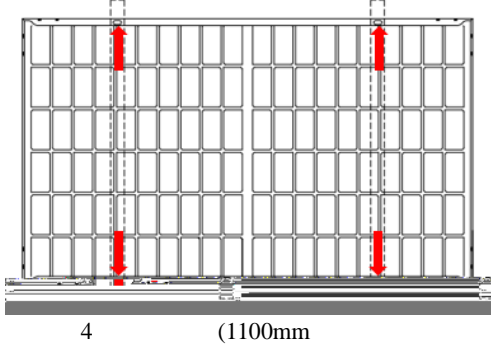
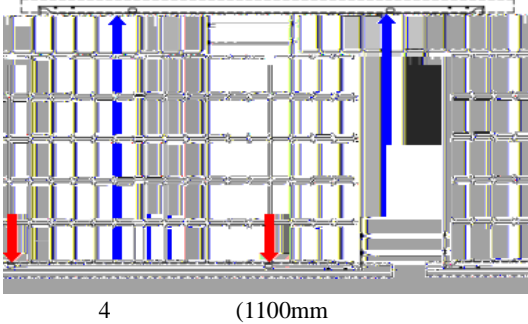
25mm



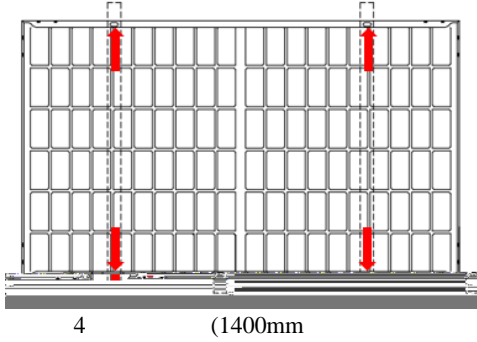
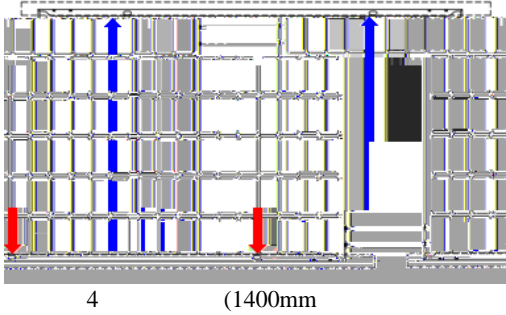
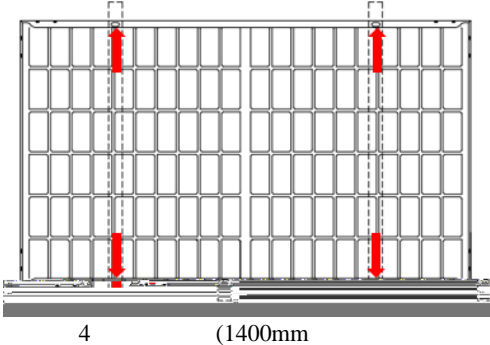
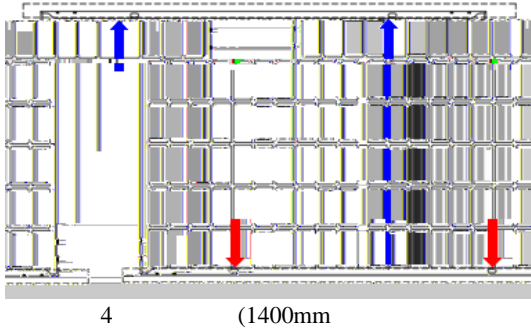


	L*W*H (mm)		
CHSM54N(DGT)(BLH)/F-BH CHSM54M(DG)/F-BH CHSM54N(DG)/F-BH CHSM54M(DGT)/F-BH CHSM54N(DGT)/F-BH CHSM54M(DG)/F-HC CHSM54N(DG)/F-HC	1722*1134*30		+5400Pa -2400Pa
			+3600Pa -2400Pa
CHSM54RN <sub>s</sub> (DG)(BLH)/F-BH CHSM54RN <sub>s</sub> (DGT)(BLH)/F-BH CHSM54RN <sub>s</sub> (DG)/F-BH CHSM54RN <sub>s</sub> (DGT)/F-BH CHSM54RN <sub>s</sub> (DG)/F-HC	1762*1134*30		+5400Pa -2400Pa
			+3600Pa -2400Pa



	L*W*H (mm)		
CHSM60M(DG)/F-BH CHSM60N(DG)/F-BH CHSM60M(DGT)/F-BH CHSM60N(DGT)/F-BH CHSM60M(DG)/F-HC CHSM60N(DG)/F-HC	1755*1038*30		+5400Pa -2400Pa
			+3600Pa -2400Pa
	1903*1134*30 1908*1134*30		+5400Pa -2400Pa
			+3600Pa -2400Pa



	L*W*H (mm)		
CHSM60M(DG)/F-BH CHSM60N(DG)/F-BH CHSM60M(DGT)/F-BH CHSM60N(DGT)/F-BH CHSM60M(DG)/F-HC CHSM60N(DG)/F-HC	2172*1303*35		+5400Pa -2400Pa
			+3600Pa -2400Pa
CHSM66M(DG)/F-BH	2384*1303*35		+5400Pa -2400Pa
			+3600Pa -2400Pa





	L*W*H (mm)		
CHSM72M(DG)/F-BH	2094*1038*30 2094*1038*35		+5400Pa -2400Pa
			+3600Pa -2400Pa
CHSM48N(DGT)/F-BH CHSM72M(DG)/F-BH CHSM72N(DG)/F-BH CHSM72M(DGT)/F-BH CHSM72N(DGT)/F-BH CHSM72N(DG)/F-HC CHSM72RN(DG)/F-BH CHSM66RN(DG)/F-BH	2256*1133*35 2278*1134*30 2278*1134*35 2382*1134*30 2382*1134*35		+5400Pa -2400Pa
			+3600Pa -2400Pa



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	L*W*H (mm)		
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CHSM78M(DG)/F-BH  
CHSM7

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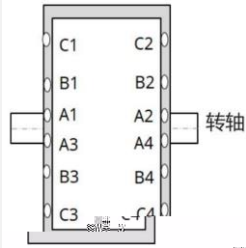
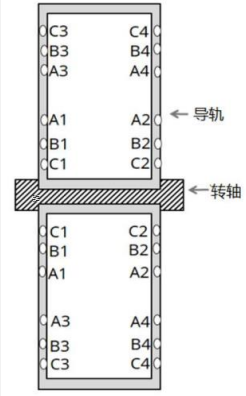
3

	L*W*H (mm)	3	4	5	6
CHSM54N(DGT)(BLH)/F-BH CHSM54M(DG)/F-BH CHSM54N(DG)/F-BH CHSM54M(DGT)/F-BH CHSM54N(DGT)/F-BH CHSM54M(DG)/F-HC CHSM54N(DG)/F-HC	1722*1134*30	+3600Pa/-2400Pa			

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5.3.3

		L*W*H (mm)				
 <p>1P</p>	CHSM66M(DG)/F-BH	2384*1303*35	NEXTracker	400mm M6 +M6 ( 16mm)	+2100Pa/ -2100Pa	
		2278*1134*30 2278*1134*35		400mm M6 +M6 ( 16mm)	+2100Pa/ -2100Pa	
				790mm M6 +M6 ( 16mm)	+3200Pa/ -2400Pa	
			2278*1134*30	Arctech	50*1.5*450 ( * * /mm) 400mm M6 +M6 ( 16mm)	+1800Pa/ -1800Pa
		CHSM72M(DG)/F-BH CHSM72N(DG)/F-BH CHSM72M(DGT)/F-BH CHSM72N(DGT)/F-BH CHSM72N(DG)/F-HC	2278*1134*30	Arctech	50*1.5*1450 ( * * /mm) 1400mm M8 +M8 ( 16mm)	+3200Pa/ -2400Pa
			2278*1134*30	Soltec	50*1.5*1450 ( * * /mm) 400+1400mm M6 +M6 ( 16mm)	+2800pa/- 2400pa
			2278*1134*30 2278*1134*35	PVH	80*1.5*428 ( * * /mm) 400mm M6 +M6 ( 16mm)	+1800Pa/ -1800Pa
 <p>2P</p>	CHSM72M(DG)/F-BH CHSM72N(DG)/F-BH CHSM72M(DGT)/F-BH CHSM72N(DGT)/F-BH CHSM72N(DG)/F-HC	2278*1134*30 2278*1134*35	Arctech	80*1.8*3808 ( * * /mm) 1400+1400mm M6 +M6 ( =16mm)	+2600Pa/ -2200Pa	

( 1P 400 )



-36 ~ -40	1.25
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STC 1000W/m<sup>2</sup> AM1.5

25

$$C_{voc} = 1 - \frac{V_{oc}}{25} \times (T_{min} - 25)$$

Isc Voc Pmpp

C<sub>voc</sub>

Voc (%/°C)

T<sub>min</sub> (°C)

STC

STC

1.25

5

1.25

1.56

5

$$N \times V_{oc} \times C_{voc}$$

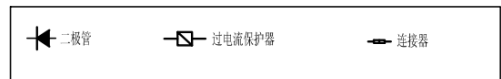
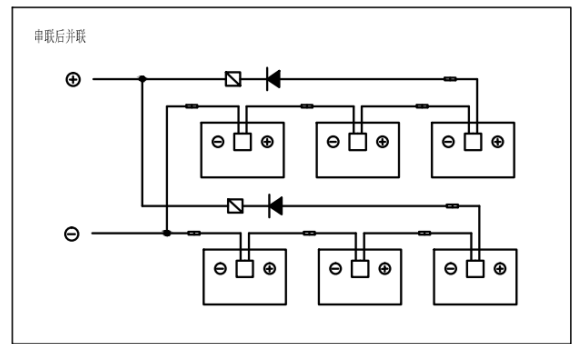
N

V<sub>oc</sub>

24 ~ 20	1.02
19 ~ 15	1.04
14 ~ 10	1.06
9 ~ 5	1.08
4 ~ 0	1.10
-1 ~ -5	1.12
-6 ~ -10	1.14
-11 ~ -15	1.16
-16 ~ -20	1.18
-21 ~ -25	1.20
-26 ~ -30	1.21
-31 ~ -35	1.23



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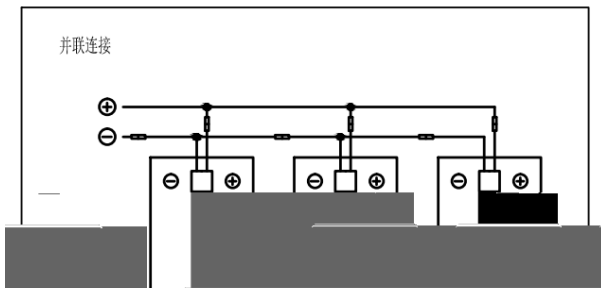
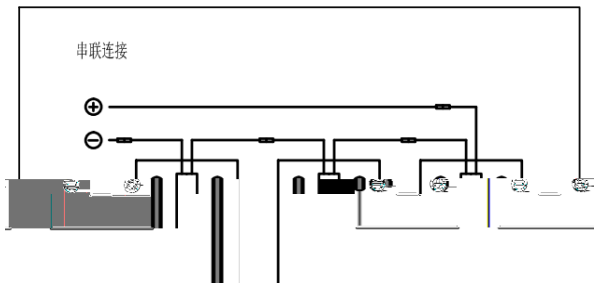


11

11

PV

PV



10V

4mm<sup>2</sup> 12 AWG



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15

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- Rev1.0 2022 9
- Rev1.1 2023 1
- Rev1.2 2023 6
- Rev1.3 2023 12

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