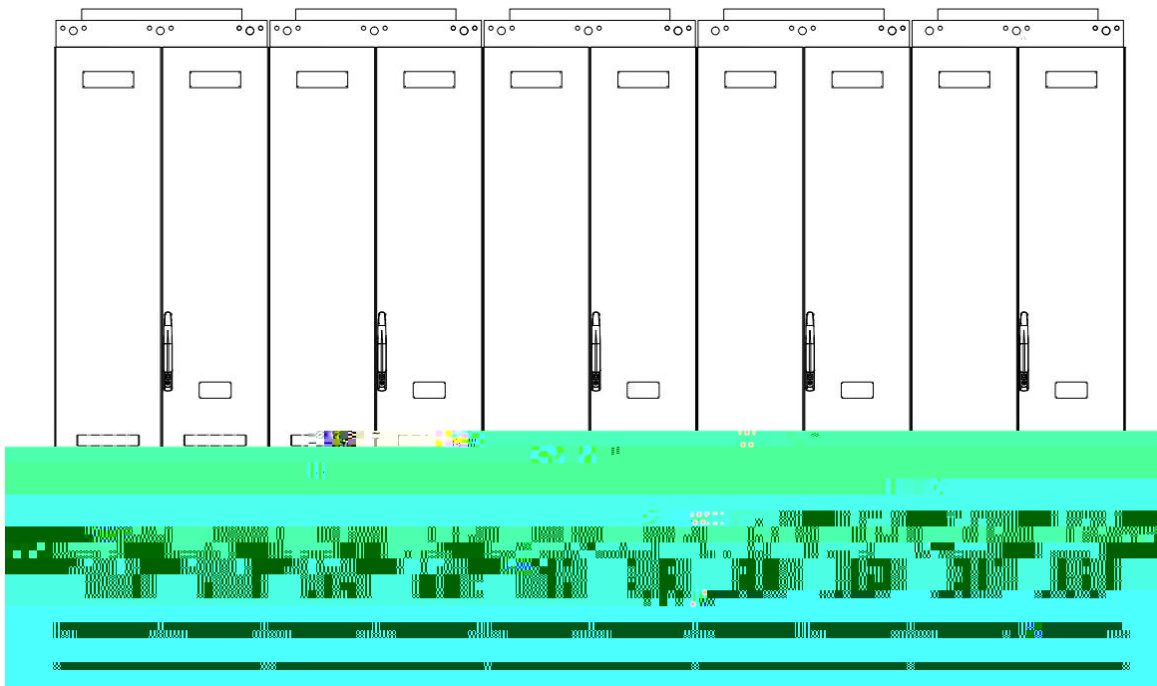


HF 680N

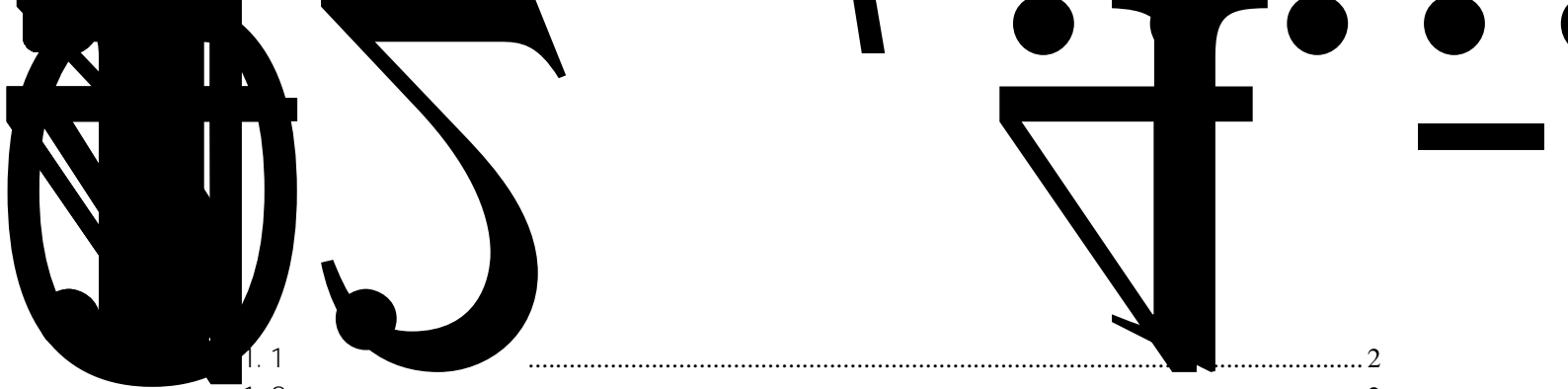
690V

1.00

Y~@æ} ÖWQÖÖ V^&@} [|[*^ Ô[ÉÉŠcå



HF 680N



1.1	.....	2
1.2	.....	2
2		
2.1	.....	7
2.1.1	.....	7
2.1.2 HF680N	.....	8
2.1.3	.....	8
2.2	.....	10
2.3	.....	11
2.3.1	.....	11
2.3.2	.....	12
2.3.3	.....	12
2.4	.....	12
2.4.1	.....	13
2.4.2	.....	14
2.4.3	.....	15
2.4.4	.....	15
2.5	.....	16
2.6	.....	17
2.6.1	.....	17
2.6.2	.....	17
2.6.3 EMC	.....	17
3		
3.1	.....	23
3.2	.....	27
4		
4.1	.....	29
4.2	.....	29
4.3	.....	30
4.4	.....	30
4.5	.....	32
4.5.1	.....	32
4.5.2	.....	33
4.5.3	.....	34
4.5.4	.....	38
4.4.5		

1.

1

RCD

2

3

B

RCD

RCD

RCD

RCM

RCM

RCD

RCD

5M

500V

1.1

	" "
	" "
	" "

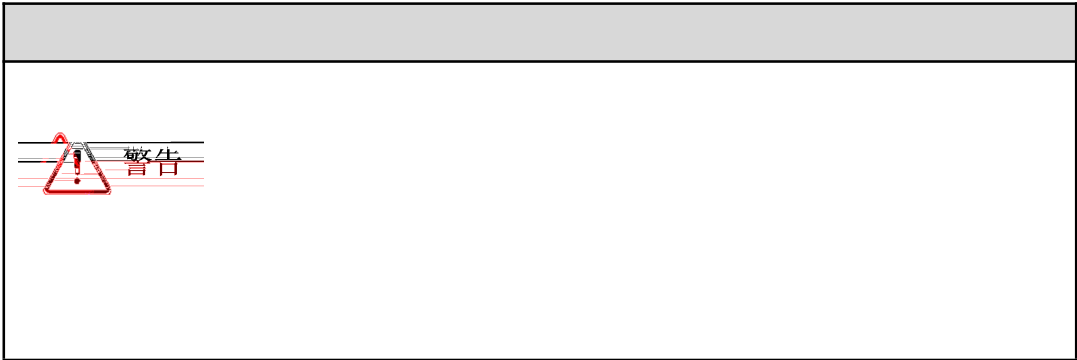
1.2

	10
	U V W









2

2.1

2.1.1

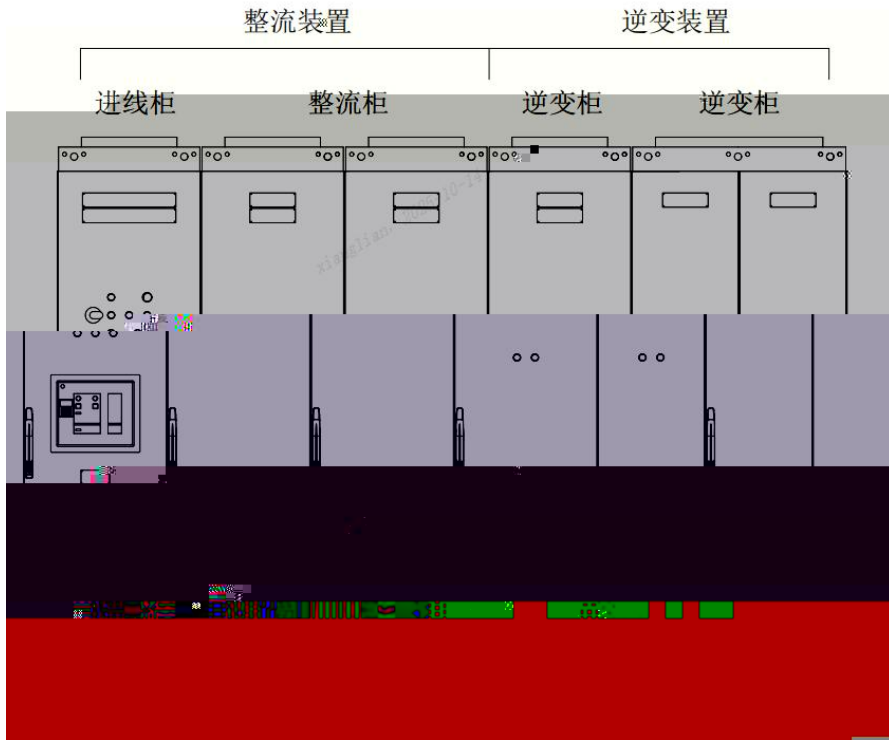
	400mm	600mm	900mm
	400 630A-800A	600 1600A 4000A	
		600 LCL+B7	
	-	600 2× B7	
	-		900 3× B7
		600 2× B7	

B7 LCL 600mm/900mm B7



17	HF680N02C-2000-6	1743	1905		4x 240	/
18	HF680N02C-2400-6	2091	2286	2x 100x	6x 185	/
19	HF680N02C-3000-6	2614	2857	10	6x 240	/
20	HF680N02C-3600-6	3137	3429	3x 100x 10	7x 240	/
21	HF680N01C-1210-6	1063	1302	1x 100x	4x 150	/
22	HF680N01C-1730-6			10		

2.2



2 3

2 3 1

1	
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3	
4	
5	3m 5mm



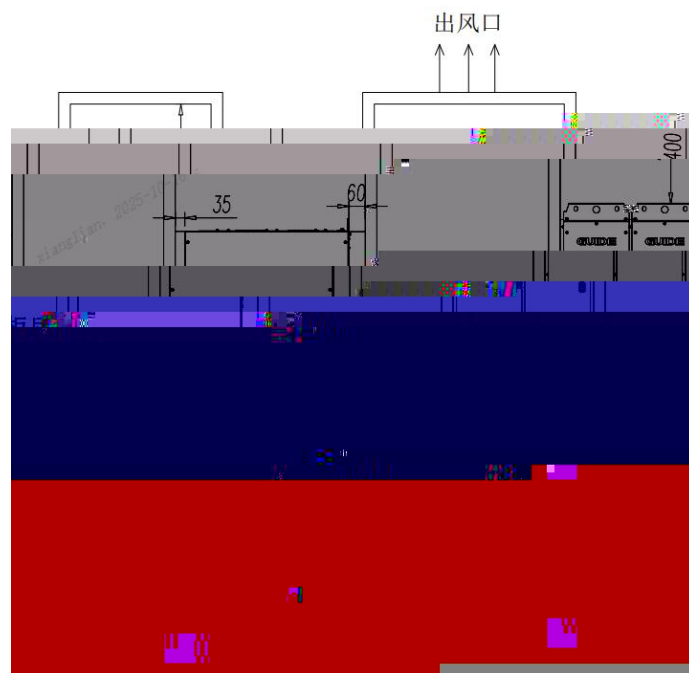
2 3 2

HF680N

6.5

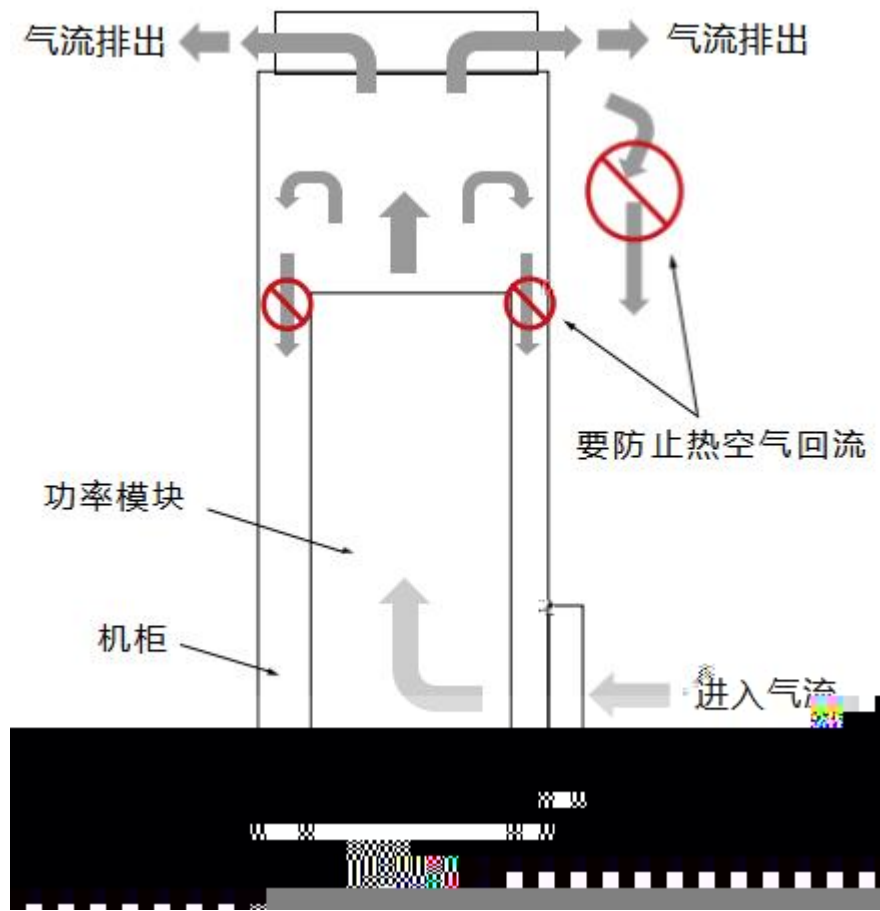
2.4.1

B7	LCL
B7	LCL
700mm	60mm
35mm	



2 4 mm

2.4.3



2 5

2.4.4

13 " 2.4.1 "

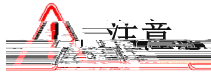
2.5

HF 680N

40° C

1000m

2.6



2.6.1

2.6.2

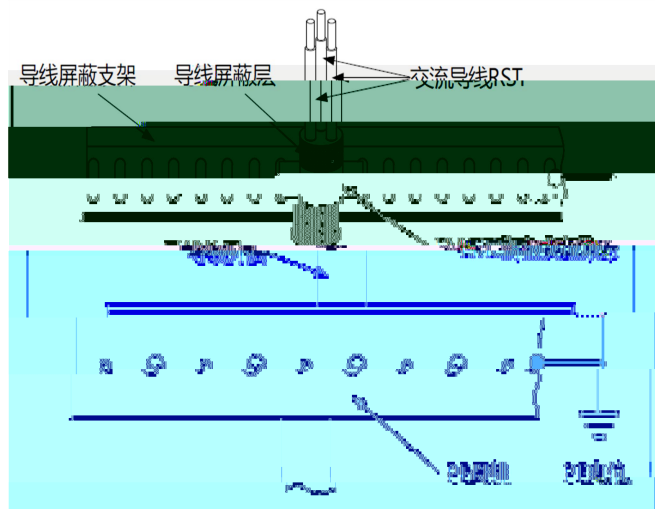
HDJR 100L

2.6.3 EMC

EMC

360

EMC



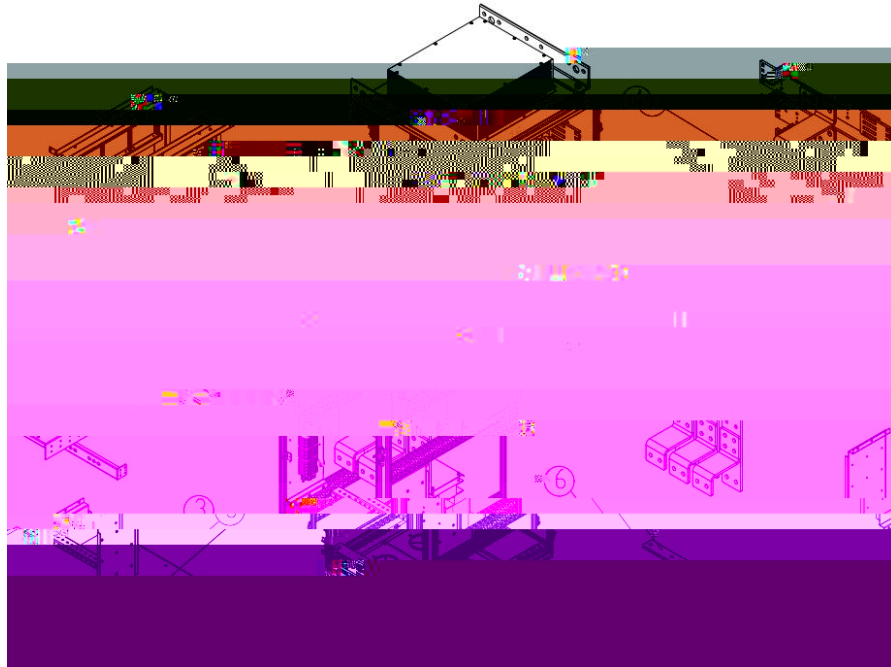
2-6

20cm

90

3.

3.1



4-3

	PE



4-4

mm

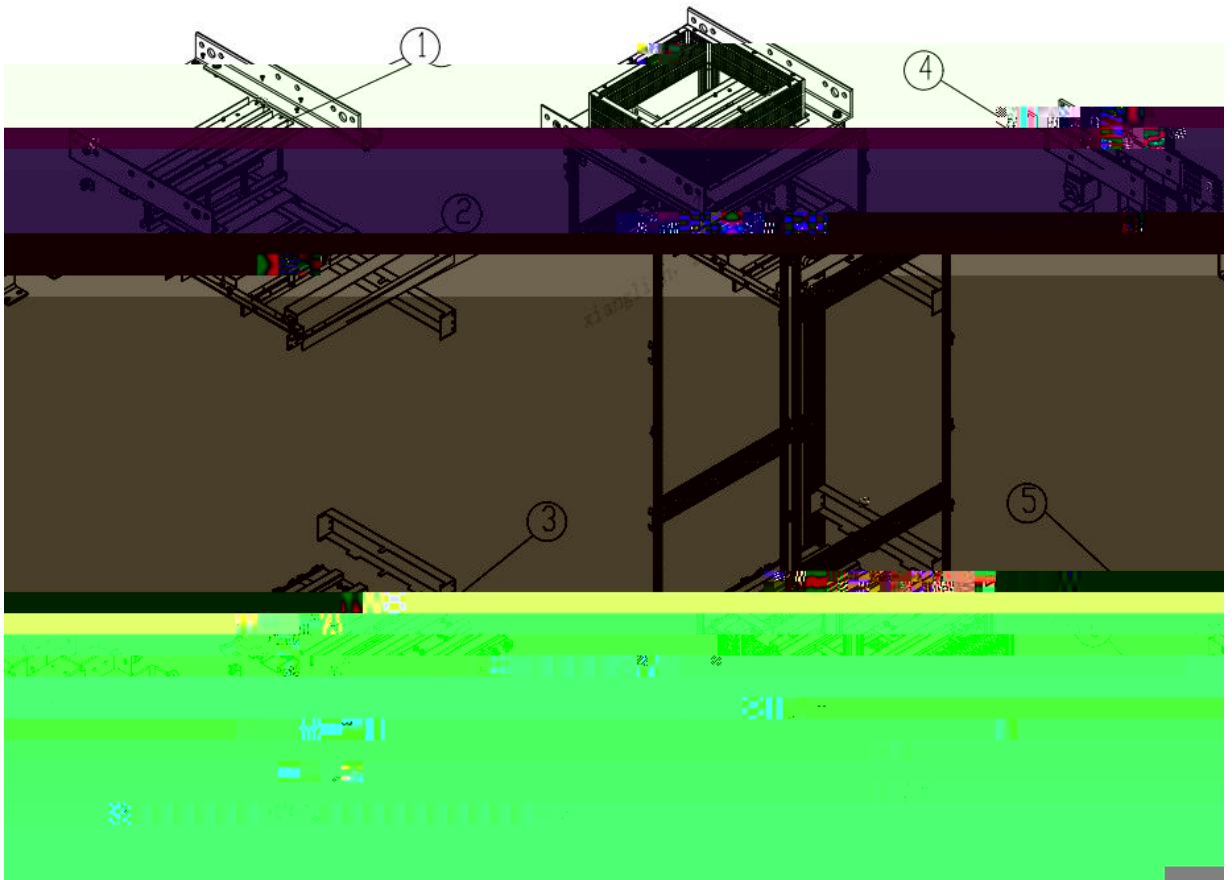
4.2

4-11



LCL H8
B7
B7 LCL

3.1



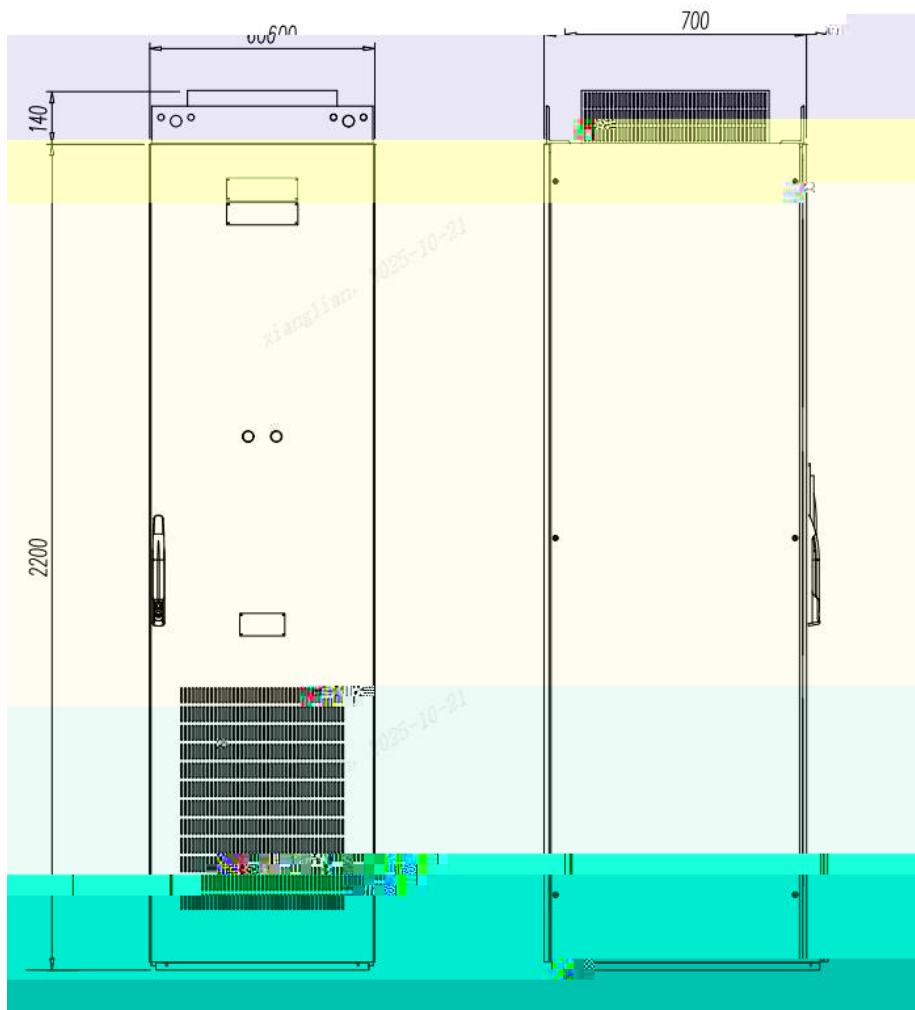
4-172x B7

	PE



4-18 3x B7

	PE




4-20 2x B7

mm

4.
4.1

	
1.	
2.	
3.	
4.	

	
1.	CMOS
2.	
3.	

4.2

1.

1bar

2

4. 3

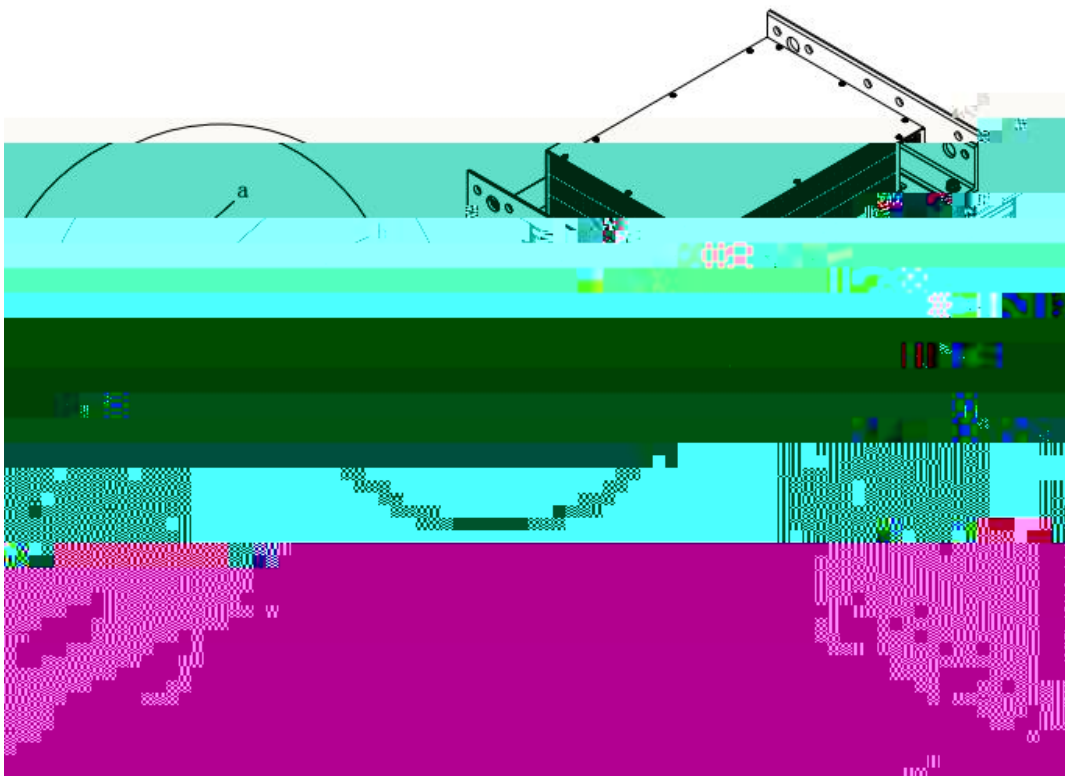
4. 4

	1. 2	1. > 40 < 95% 2
	1. 2	1. 2
	1. 2 3	1. 2 3
	1. 2	1. 2
	1. 2	1. 2

M6	4.8	4.8
M8	11	0.9
M10	23	18
M12	40	32

4.5

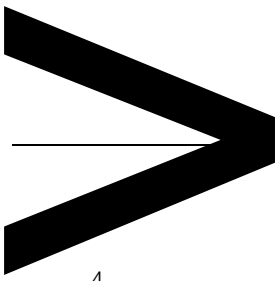
4.5.1



5-1

1.

2.



4.

5. 2

6.

7.

b

c

M4 a

1.2N m

4.5.2

1 1 " "

29 4.1 "

1.

2.

3. 3 M5 a

4. 2 M0/M2 b

5.

35N m

6.

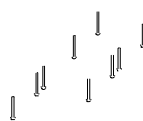
4. 5. 3

29

4. 1 "

"

1 1 " "



5-3 B4/B5

B4/B5

3

1.

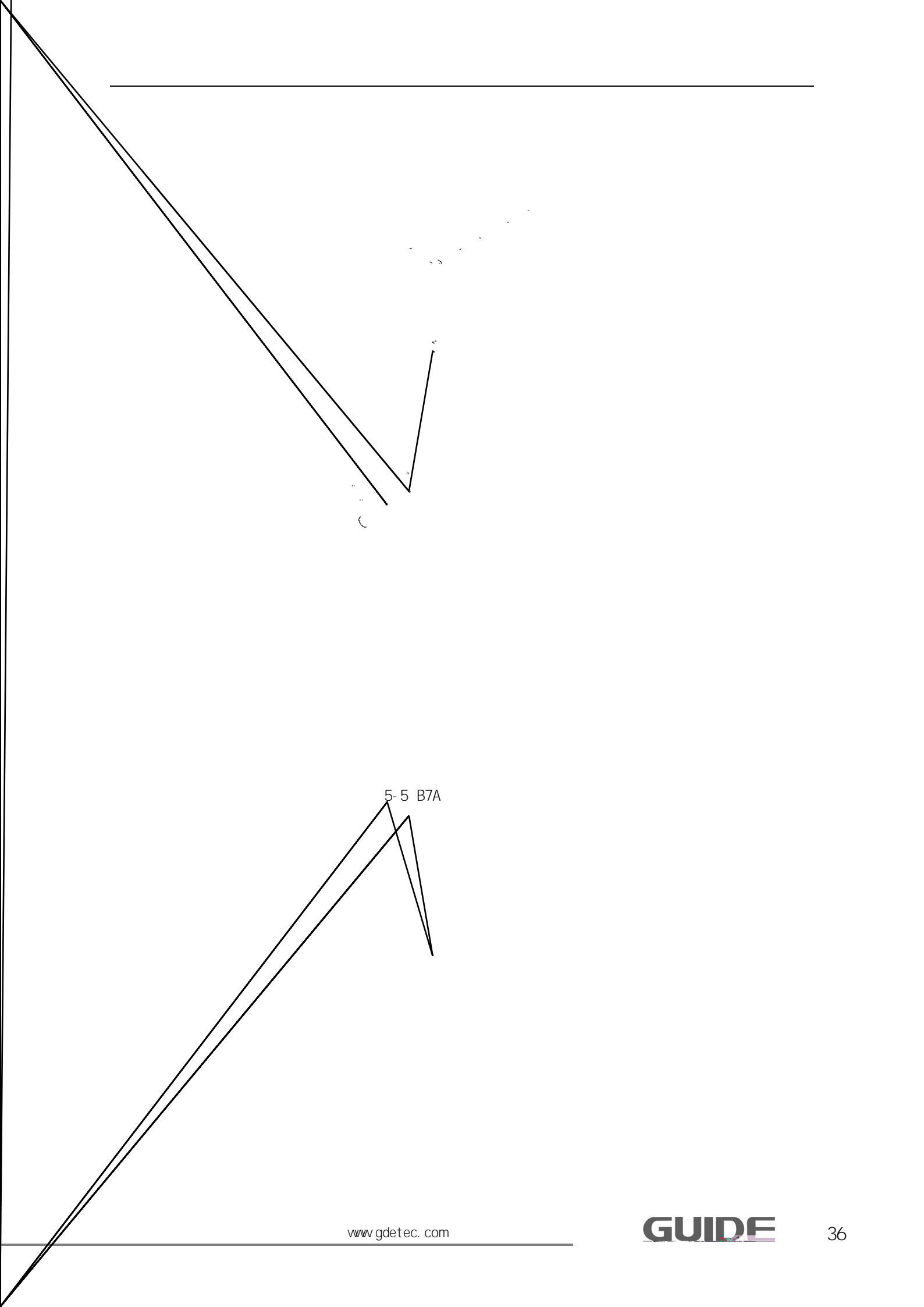
2.

3.

M4

4.

5-4 B7



5-5 B7A



5-6 LCL

1.

2.

3.

2 M5

4.

M4

5.



4. 5. 4

" 29 4.1 " " 1 1 "

1.

2.

1

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5-7

3.

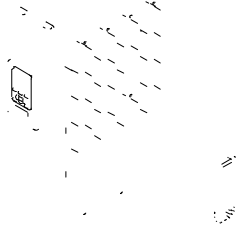
M8



4. 4. 5

" 29 4. 1 " " 1 1 "

5-9 B4



5-10 B5

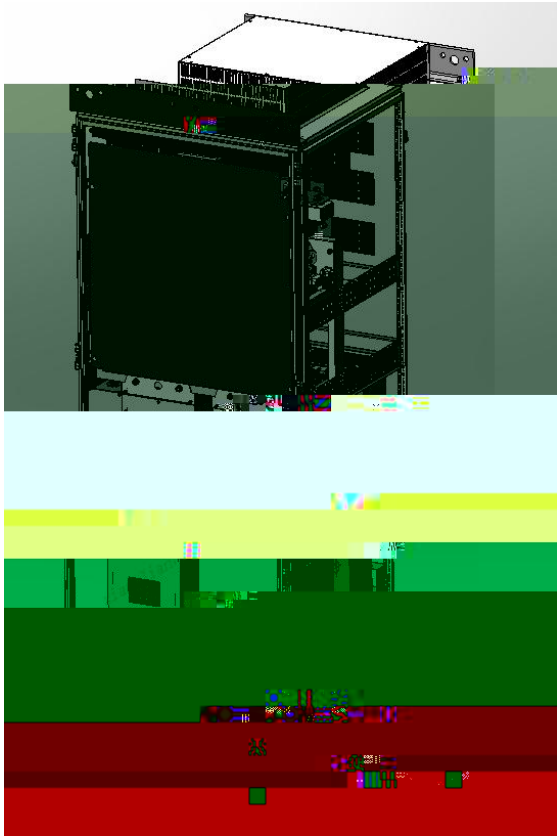
5-11 B7/B7A

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- 1.
 - 2.
 - 3.
 - 4.
 - 5.
 - 6.
 - 7.

4.6

1

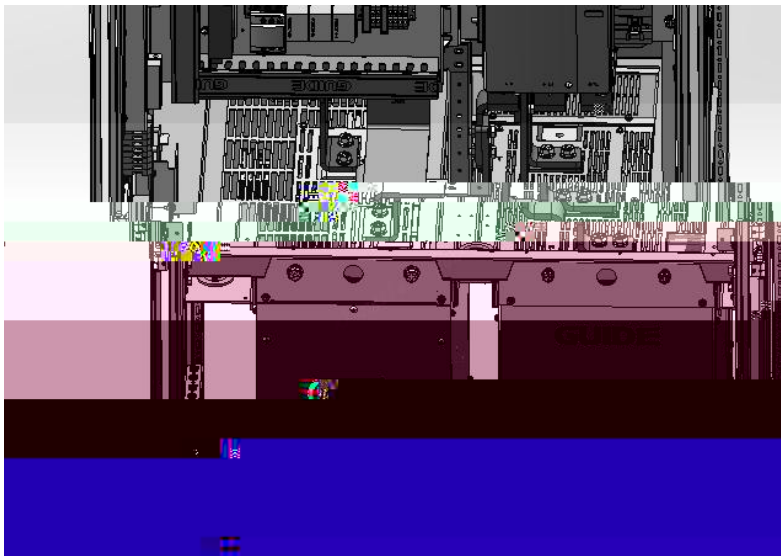
2



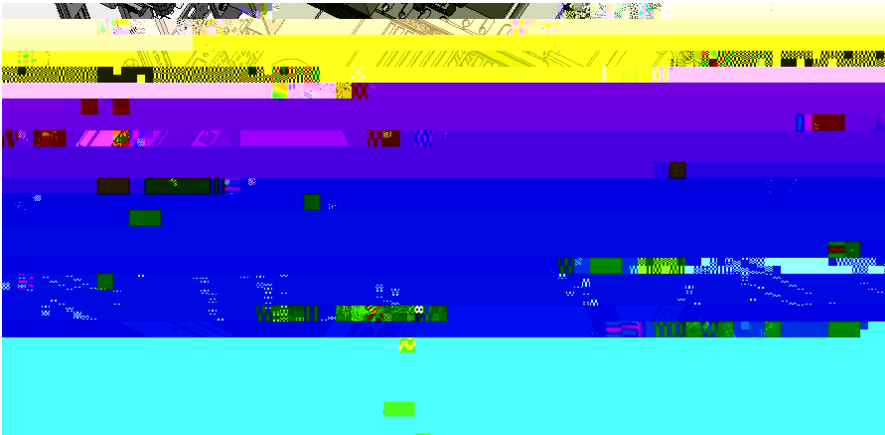
3

AFE

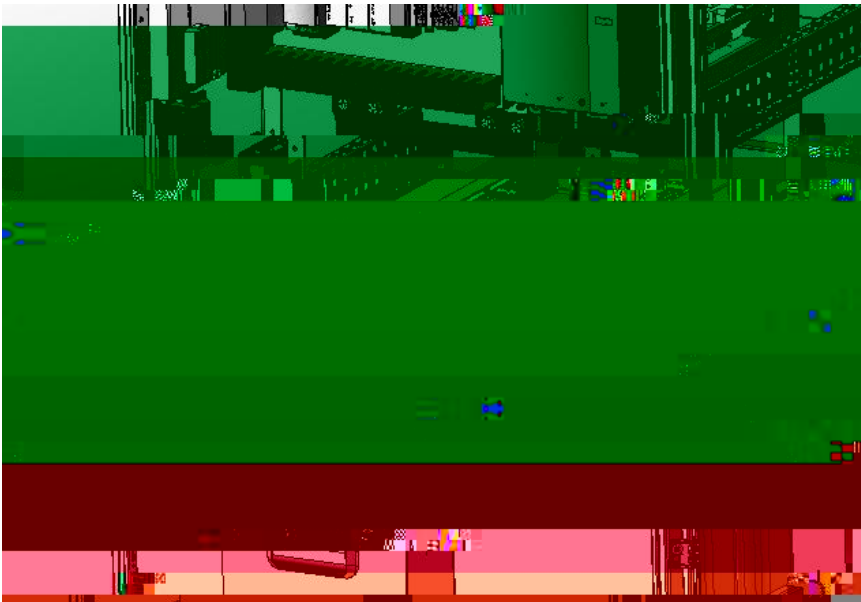
LCL



4 AFE



5 AFE LCL



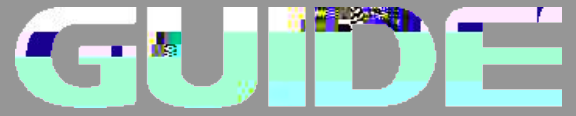




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HF680N

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