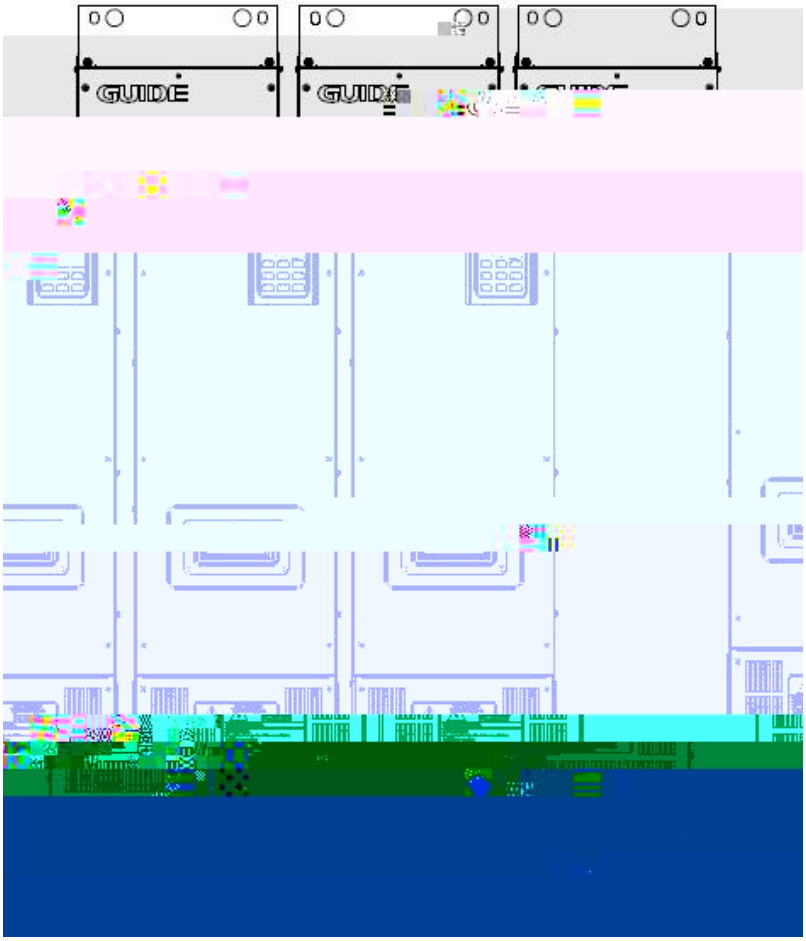
[redacted]

380V 435~3615kW

690V 650~5200kW

1.04

Wuhan GUIDE Technology Co.,Ltd



ج شجـ

شي

RTG ج شجـ

عجـ

ضي غ ج

ـ ج

غ ج شجـ

ضي ج شجـ

ڤ يـ ضر

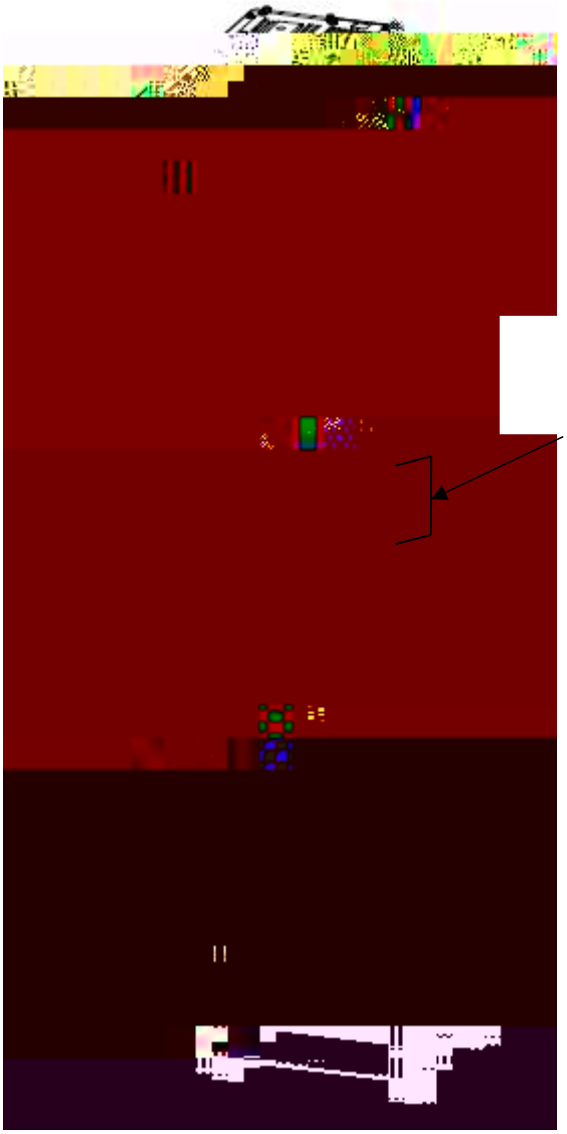
1.

1.1

شد

غ

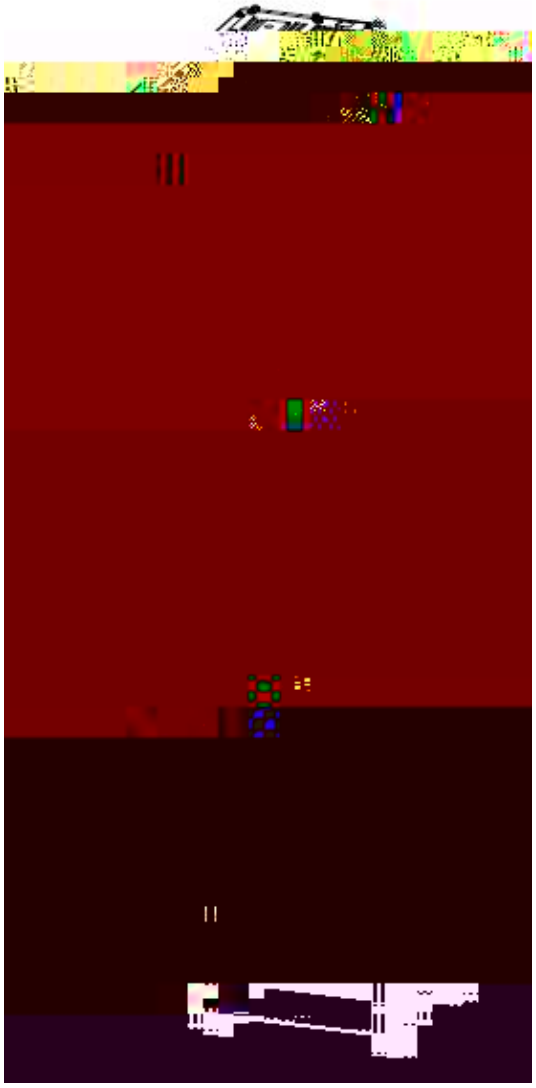
ضي ج شجـ

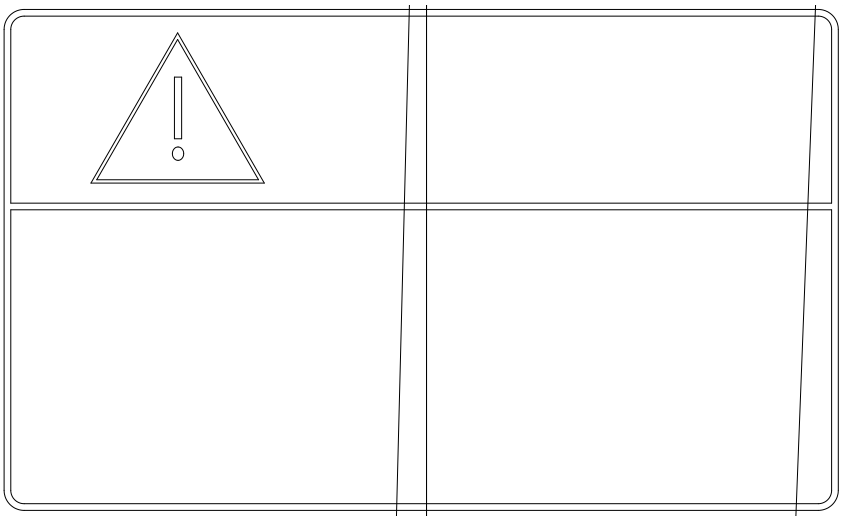


شجـ HF680N-650/930-6

ضي ج

شجHF680N-650/930-6





1.2 مخ

(1) ج شجـ (BLM: Basic Line Modules)

غ عجـ كح

(2) شجـ غجـ

٣ ضي

(3) ضي شجـ

مخ شجـ

(4) غ شجـ

LVD	2014/35/EU	EN 61800-5-1
EMC	2014/30/EU	EN 61800-3

1.3

شجـ

ضي شجـ

ضي ج شجـ

ج شجـ

GDHF-1000-DH01

GDHF-1000-DH01

HF680N شجر

GDHF-1000-DH01 + + 4

GB/T9074.4

2.0mm M4 × 6

2.3.4

2.8*

8.8 2

2

2.8*8.8 2 HF680N

شجر 2

GDHF-KL4

4

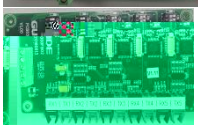
GDHF-KL4 4 HF680N

شجر 4

GDHF-FB01

1 HF680N شجر

GDHF-FB02



HF680N شجر

GDHF-FB03

2.3 غ ج شجد

1. " " / كج شجد ضي
   غ ضي
   / كج ضي
2. نهـ

2.3.1 شج ج

نه	ضي	يد
شي مم نه طم 10cm 5cm شي غ	شي ضي شي غ 6	ضي
-10 +40 40 1 1% 50 ٣ -10	-20 +60 1 /	-20 +60
70 106 kPa 0.7 1.05	70 106 kPa 0.7 1.05	60 106 kPa 0.6 1.05
10Hz ≤ f ≤ 57Hz 0.075mm 57Hz ≤ f ≤ 150Hz 9.8 m/s2	10Hz ≤ f ≤ 57Hz 0.075mm 57Hz ≤ f ≤ 150Hz 9.8 m/s2	II
	100m/s2 11ms	100m/s2 11ms
	250mm <100kg 100mm ≥ 100kg	250mm <100kg 100mm ≥ 100kg
95%RH		
1000	1000 شي 3000	100 1% ٣
2		
ضر	مخي	

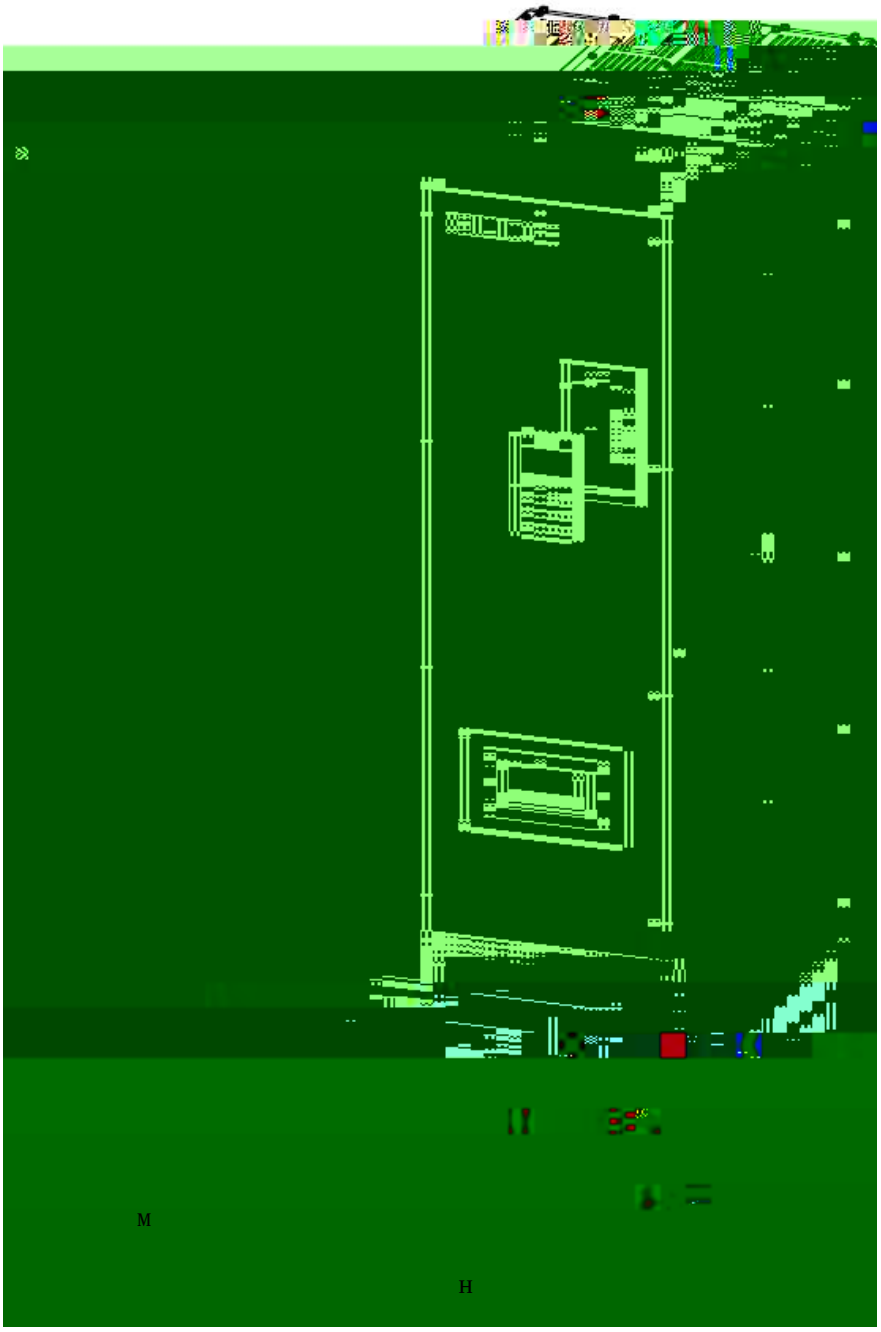
3

3.2

2.3.3 ġ

M 1 12

H 2



M

H

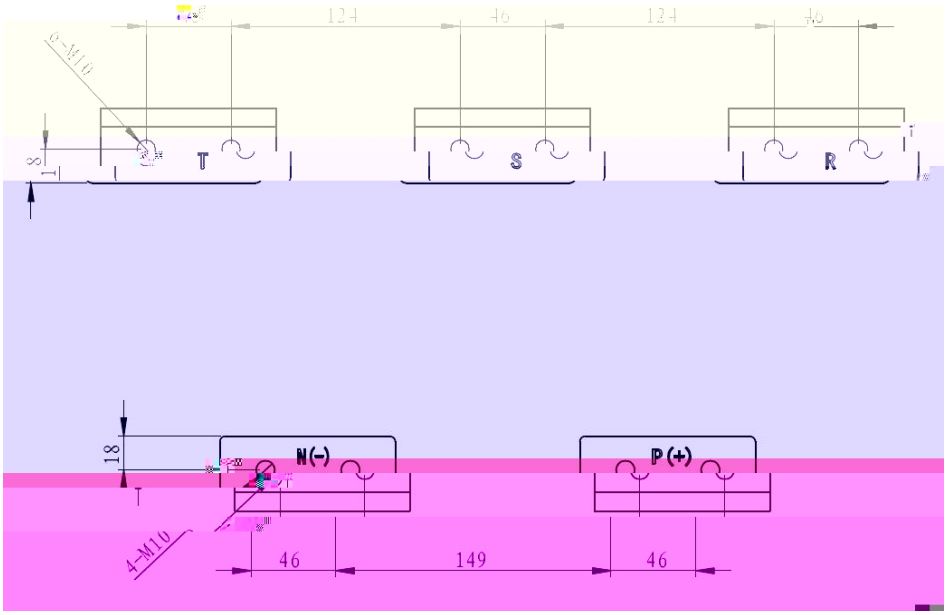
2.3.4 غ

3. شجب

3.1

1 عج

P	
N	
R S T	شجب
PE	ضر ضر شجب



HF680N-650/930-6 يد

2 عج

+10V-GND	10V	+10V 50mA كج كج مخ 1kΩ~5kΩ
+24V-COM	24V	+24V غ كج 200mA
PW		24V DI1~DI5 DO1 PW 24V
AI1-GND	1	مخ DC -10V~10V 100kΩ
AI2-GND	2	مخ -10VDC~10VDC/0mA~- Š ţ A

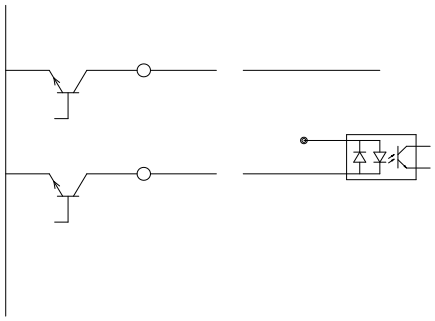
0

Z I

ZCI-DCI Ko

0V NPN

يد



3.2 غ قمم

شج قمم

قمم ج

A	ج HF680N
B	غ قمم 01M شج 01C
C	435=435kW 5200=5200kW
D	4 380V 6 690V
E	كج

MB01	Modbus RTU	DP01	Profibus DP
PN01	Profinet	CAN01	CANopen

قمم

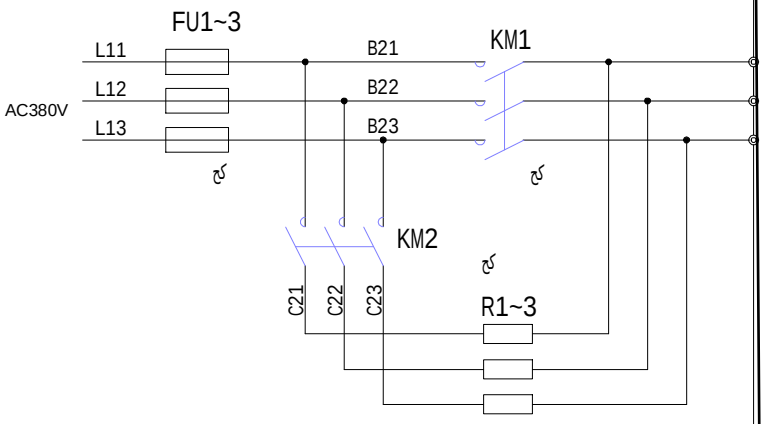
1 HF680N01M-650-4 380V/650kW LCD

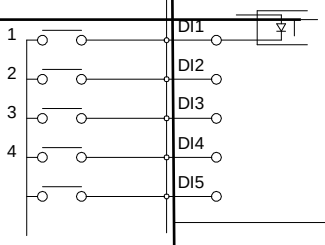
2 HF680N01M-650-6+PN01 690V/650kW شج Profinet LCD

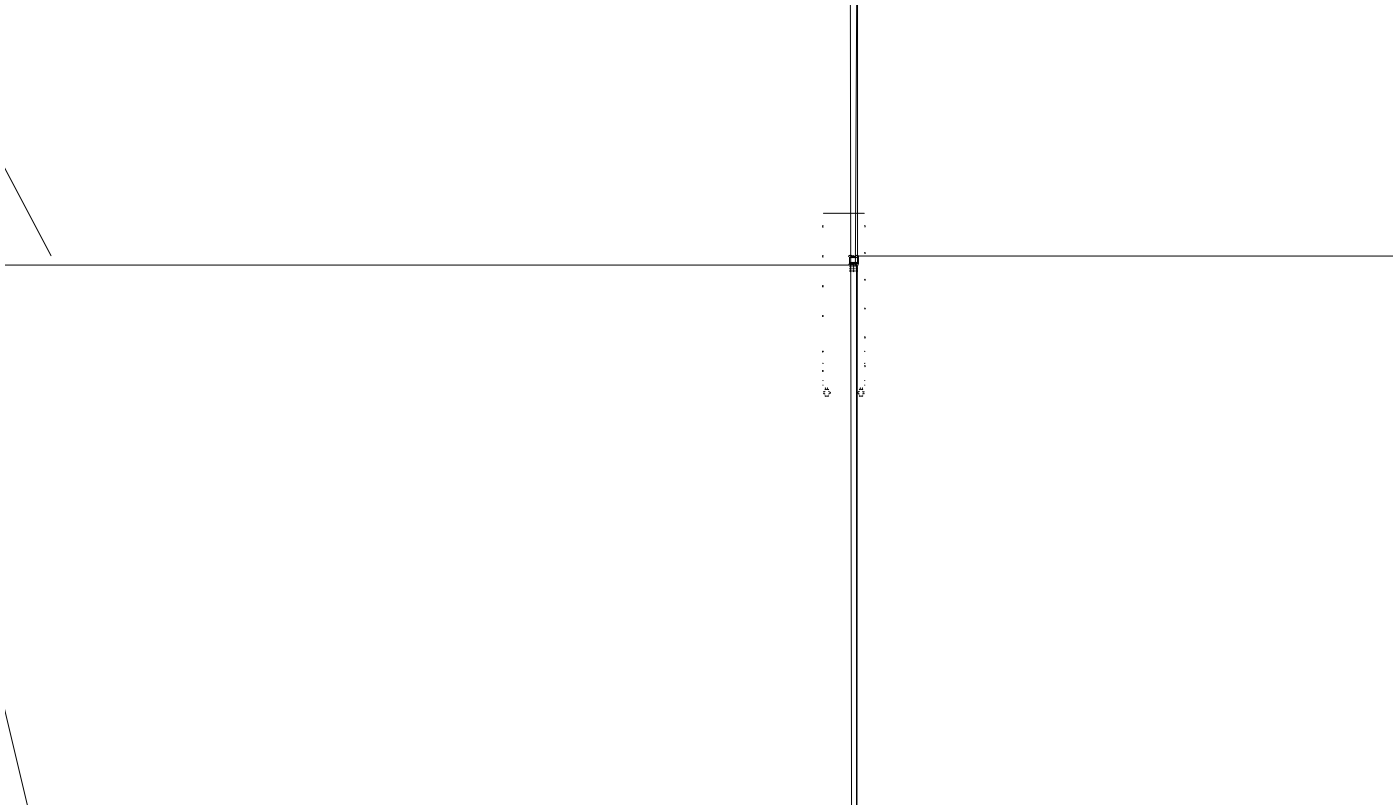
	380V				
	kW	(kVA)	(A)	(A)	
HF680N01 435	35	453	653		M4
HF680N01	0	679	980	1	M4
			1215		
HF680N01C-1200-4	12	1263	1822	2232	2*M4
F680N01C 00-4	1800	1894	2734	3348	M4
H -2400-4	2400	2525	3645	4464	4*M
HF680N01C-3000-4	3000	3157	4556	5580	5*M4
HF680N01C-3600-4	3600	3788	5467	6696	6*M4

3

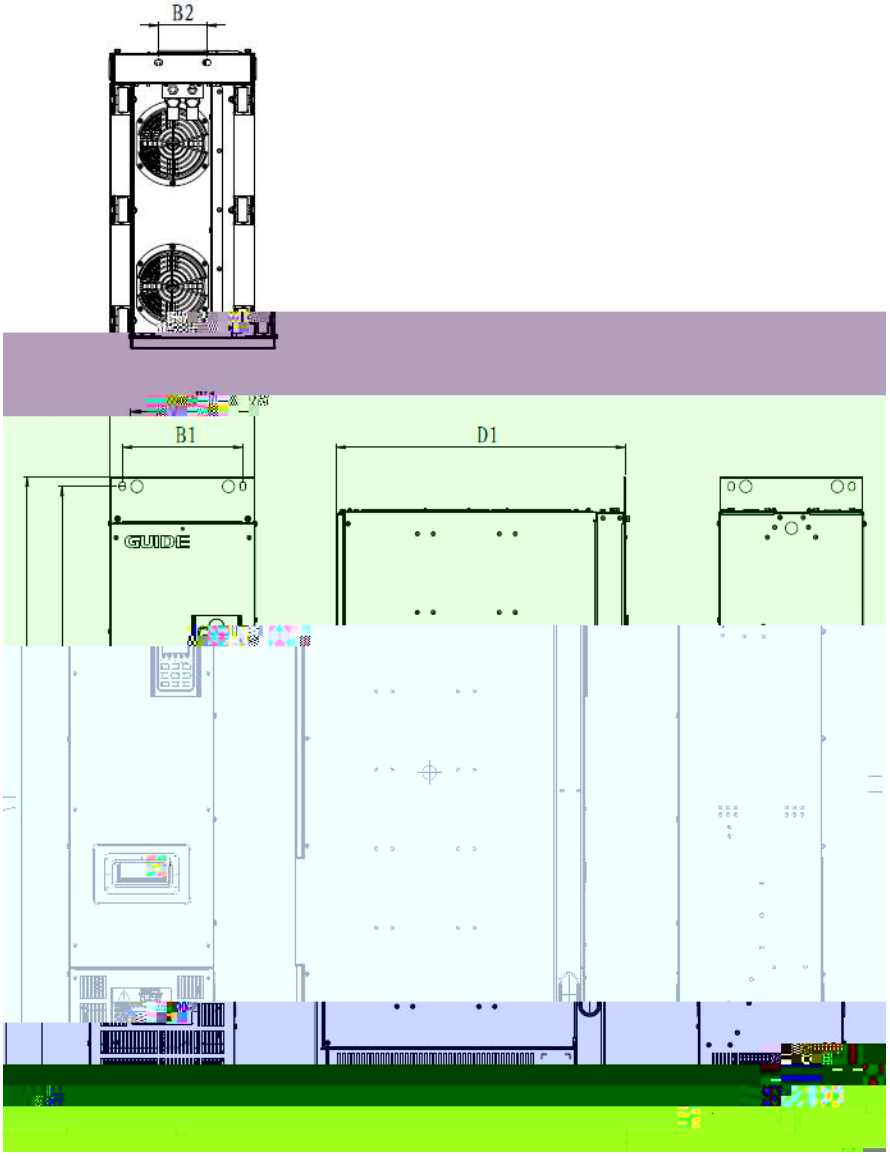
3.3


FU1~3
L11
L12
L13
AC380V
B21
B22
B23
KM1
KM2
C21
C22
C23
R1~3


1
2
3
4
DI1
DI2
DI3
DI4
DI5



3.6 شجر



شجر M4 (650KW~930KW) يد

شجر 650kW~930kW

غمم	mm			mm				8.8	kg
	H1	W1	D1	A1	B1	B2			
HF680N01M-435-4	1335	300	600	1315	250	100	4-φ 12	4-M10	200
HF680N01M-650-4									
HF680N01M-650-6									
HF680N01M-930-6									

4.2

غ ▼

عجـ ▲

ENTER /RESET

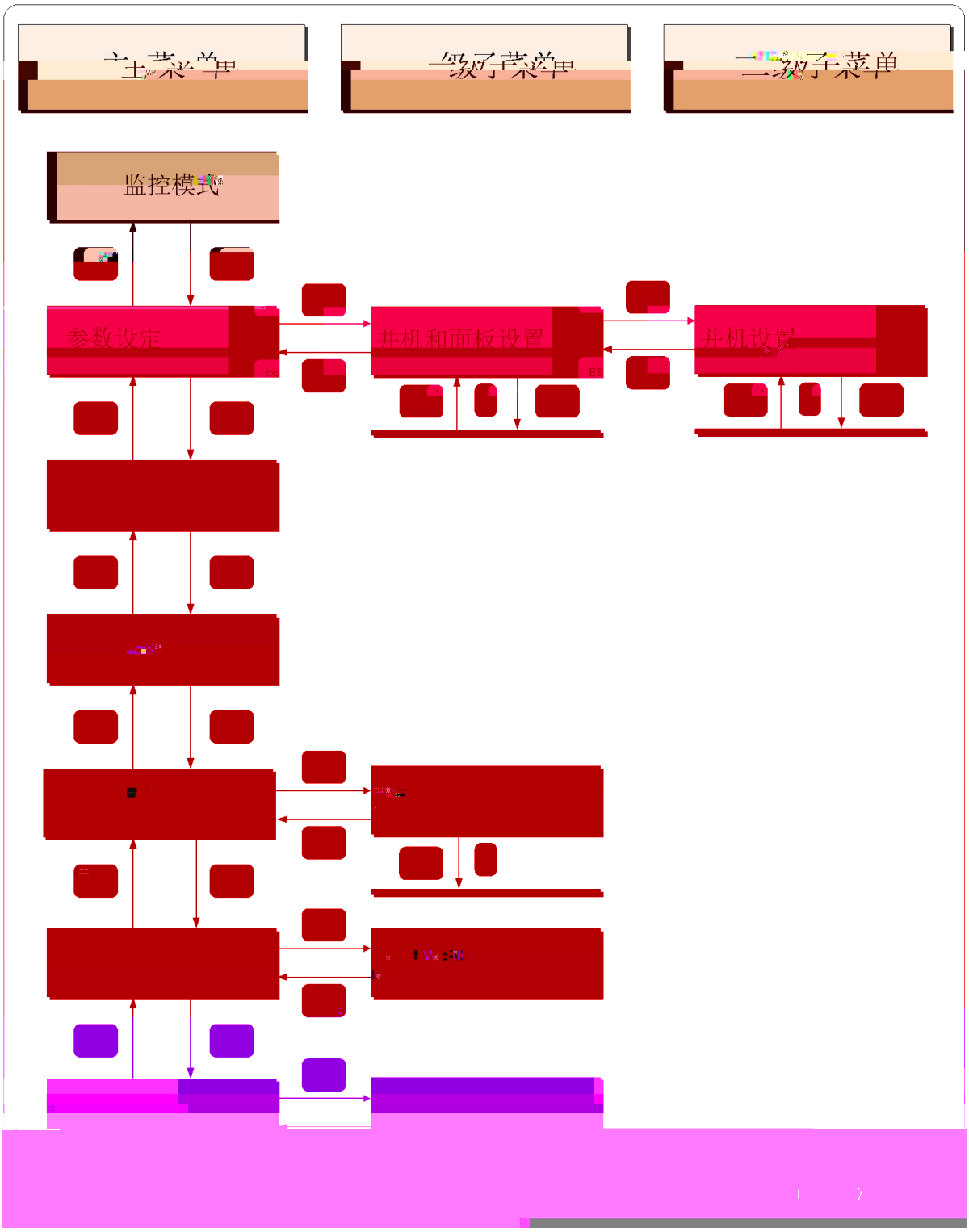
عجـ ج RUN

غ STOP غ ضر LOCAL/REMOTE

ضر/

4.3 يجـ

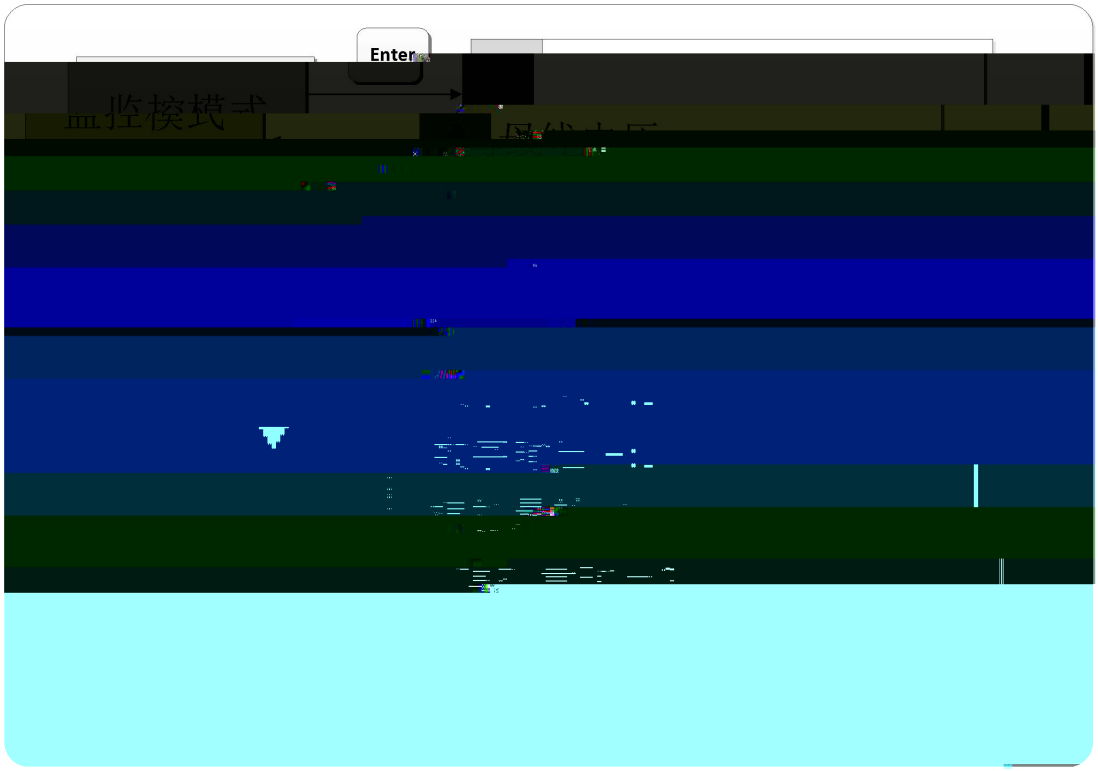
Drive Monitor	Speed Power	I/O ج
Parameter Edit	P0 ~ P49	
Function Set	System reset Backup Restore Para	
Error Event Log	Error Log	
Security	Security Edit	Access Level
Display Edit	Display Edit	


监控模式
参数设定
并机和面板设置
并机设置

4.4

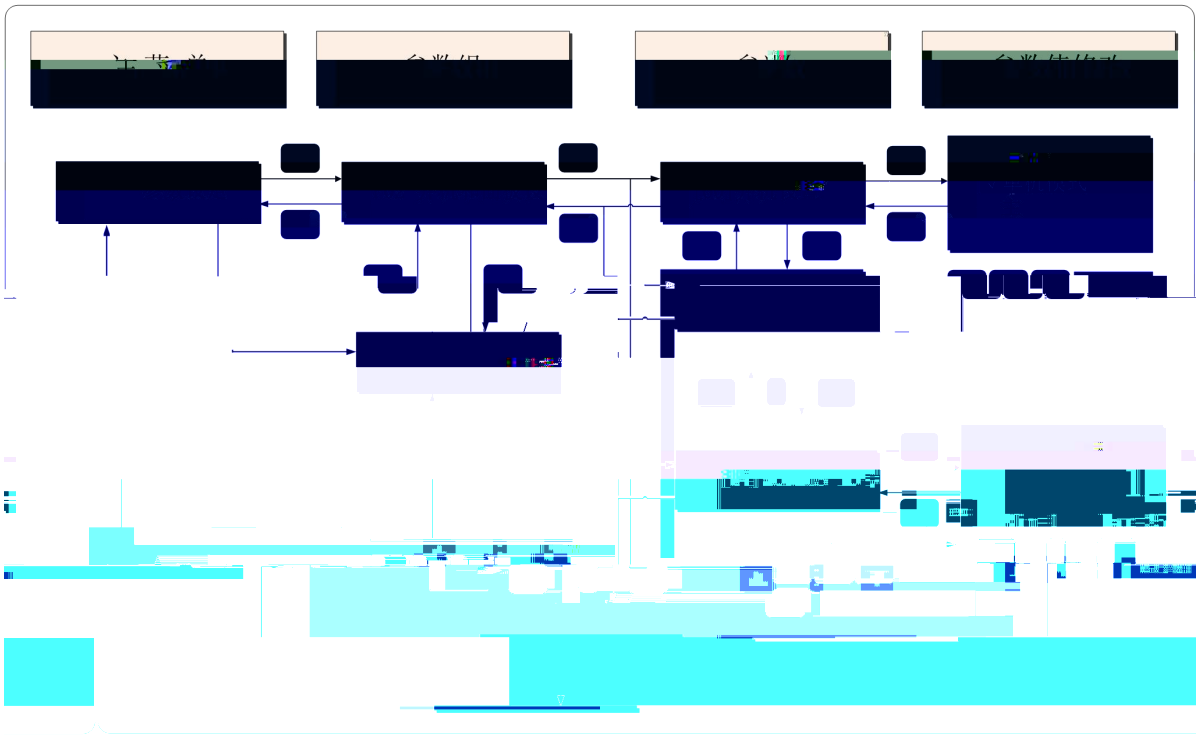
1 Drive Monitor

شبج (I/O) غ



V
V
kW
H:L ضي
H:L ضي
1 % 1
2 % 2
1 V 1
1 A 1
2 V 2
2 A 2
V شبج
A A A
B A B

2 Parameter Edit



3 Function Set

Function Set

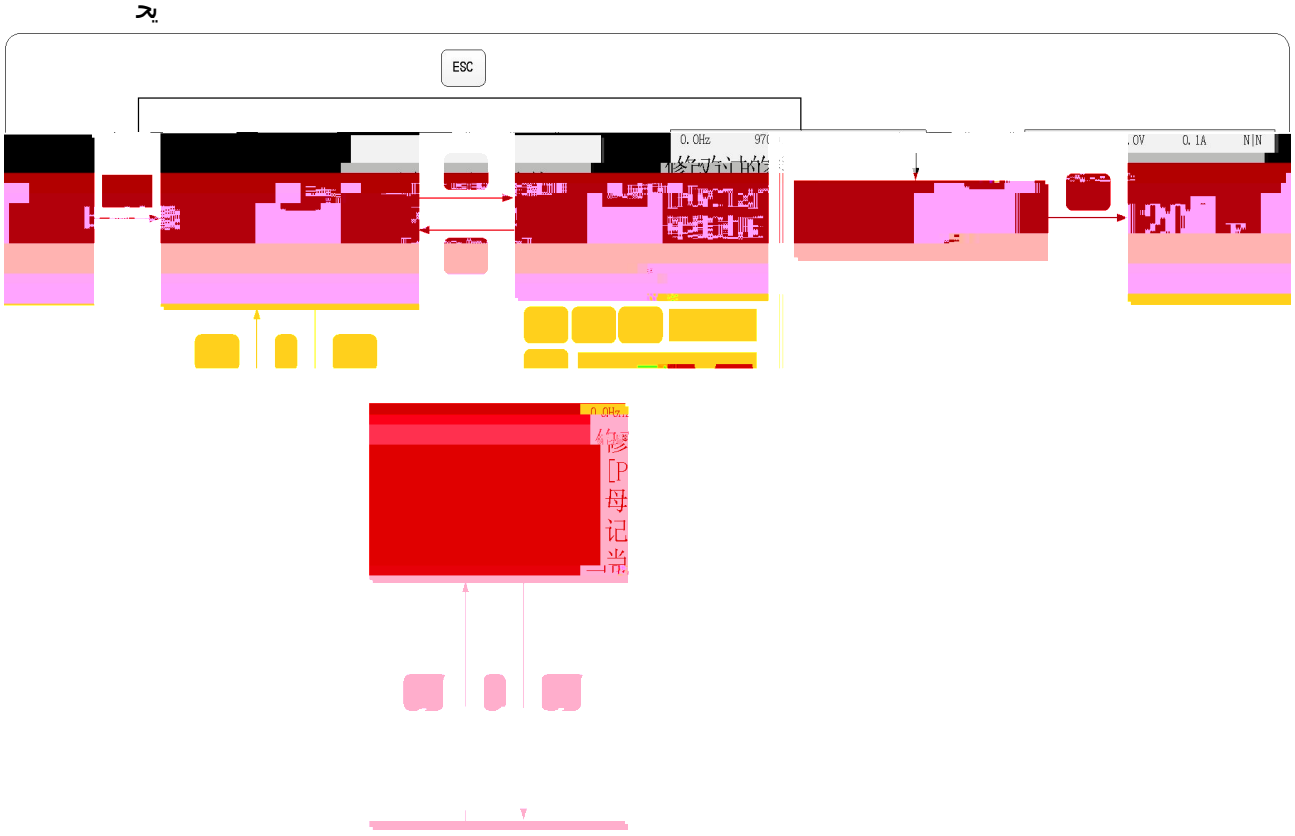
ج

ضي

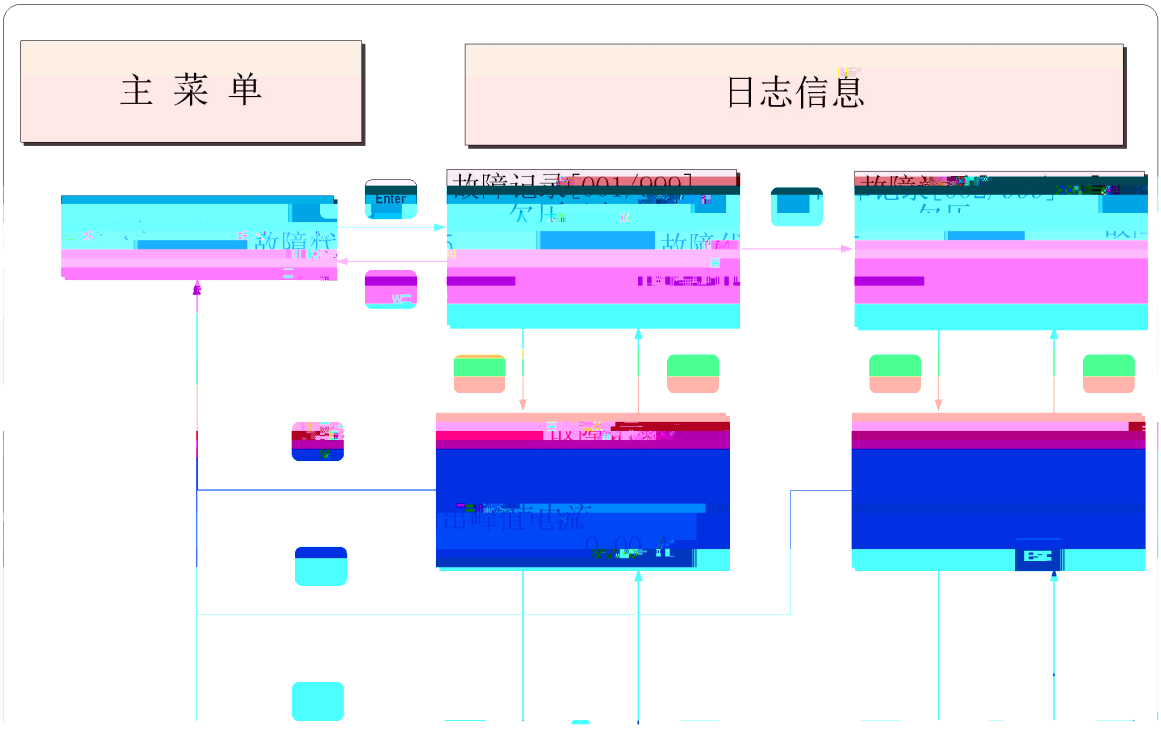
Function Set . o ژ


输入密码
Enter
正在备份参数中
不要断电!
无错误
成功

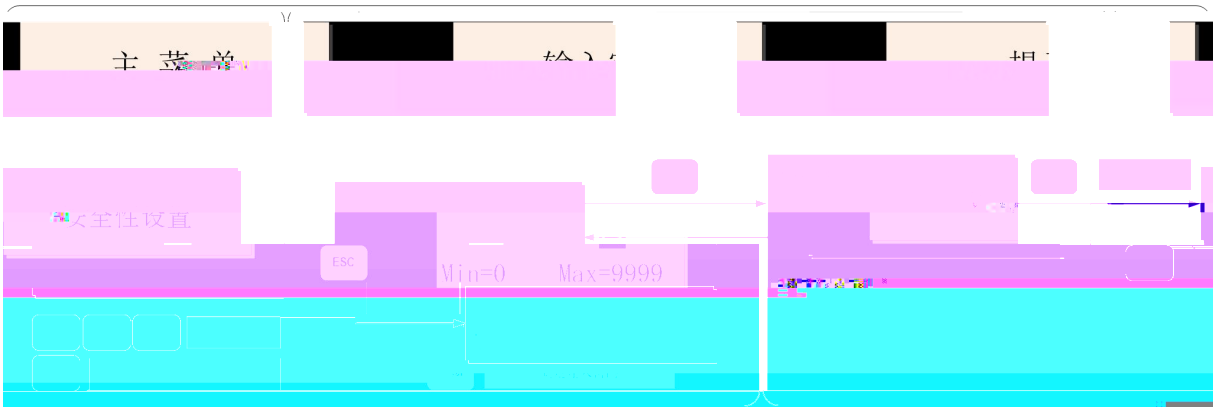
▼ ▲ “Enter”



4 Error Event Log



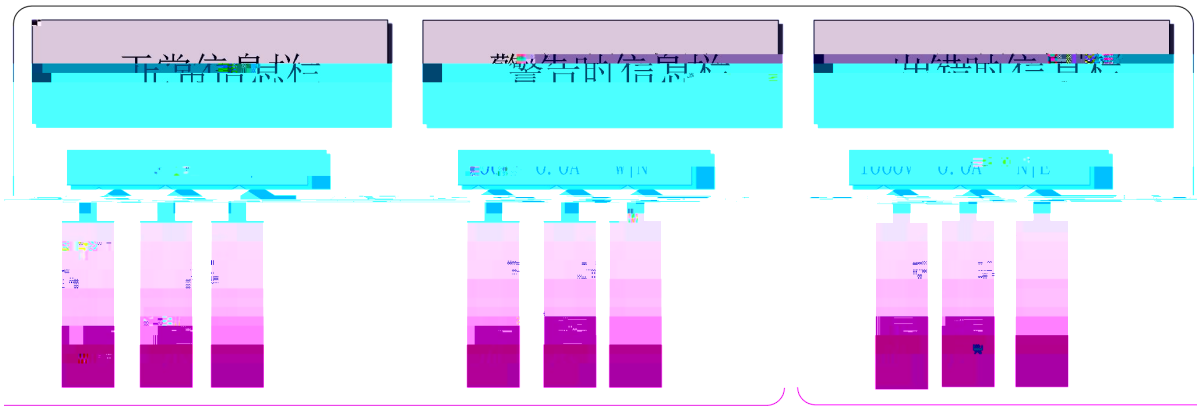
5 Security



7 Information Bar

غ

ج يد



8 غ Warning and Error

ضي غ

“ RESET ” “ ESC ” غ

غ

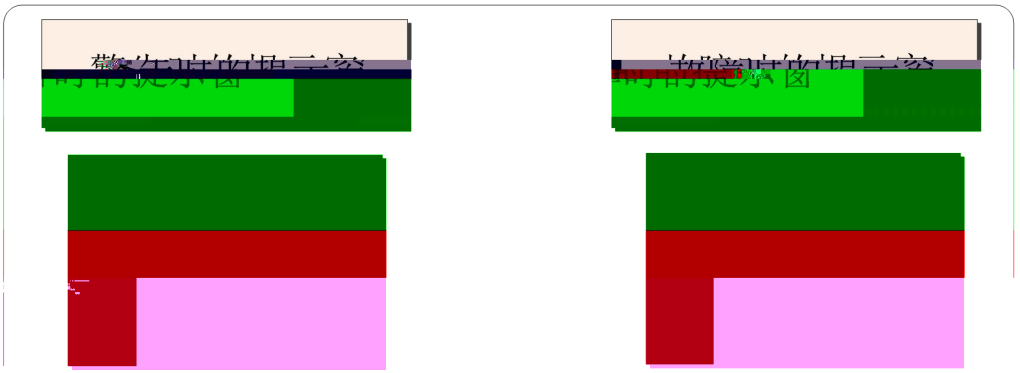
ضي “ ” “ ”

ت غ “ RESET ”

ضي “ ” “

غ ” “ RESET ” 15

غ



5.

5.1

		DO
P4.4 DO5	32	
P7.0	180%	
P7.4	200%	
P7.12	800V	
P8.6	300s	300s 0.5s
P16.0	380V	( )
P16.2		650kW 650kW
P16.4		650kW 980A
P16.11	3	
P24.7	0V	ADJ V6.01

690V

P3.0	1	
P3.1	20	
P3.3	5	
P4.1 DO2	2	
P4.3 DO4	0	DO
P4.4 DO5	32	
P7.0	180%	
P7.4	200%	
P7.12	1200V	

P8.6	300s	300s 0.5s
P16.0	690V	( )
P16.2	شبج	650kW 650kW
P16.4	شبج	650kW 570A
P16.11	3 عج	
P24.7	0V	ADJ V6.01

ضم **380V** **690V** **شبج** Local/Remote

Local Run كح

كح “ ” 950-1000V

	参数	名称	值	单位
	100.15	DO 功能本地测试 1	1	
	100.16	DO 功能本地测试 2	0	
	100.17	DO 功能本地测试 3	0	

P3.0-P3.7 0 PLC DI DI

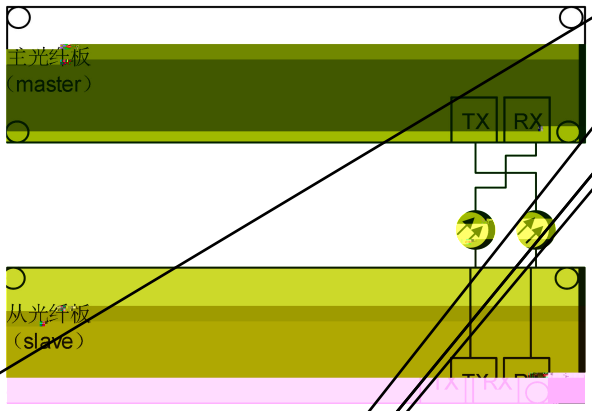
DI 1

380V

P3.0		1
P3.1		20
P3.3		5
P4.1	DO2	2
P4.3	DO4	0

690V

P3.0	1	
P3.1	20	كج كج
P3.3	5	
P4.1 DO2	2	
P4.3 DO4	0	كج نهج DO كج
P4.4 DO5	32	
P7.0	180%	
P7.4	200%	
P7.12	1200V	
P8.6	300s	300s 0.5s
P16.0	690V	( )
P16.2	شج	650kW 650kW
P16.4	شج	650kW 570A 930kW 820A 1210kW 1063A
P16.11	3 عج	ADJ
P24.7	0V	V6.01



380V

P2.0	2			
P4.1 DO2	2			
P7.0	180%			
P7.4	200%			
P7.12	800V			
P16.0	380V			
P16.2		1/2	800kW	400kW
P16.4		1/2	800kW	605A
P16.11	3			

690V

P2.0	2	
P4.1 DO2	2	
P7.0	180%	
P7.4	200%	
P7.12	1200V	
P16.0	690V	d’

P16.2	شجر	1/2	800kW	400kW

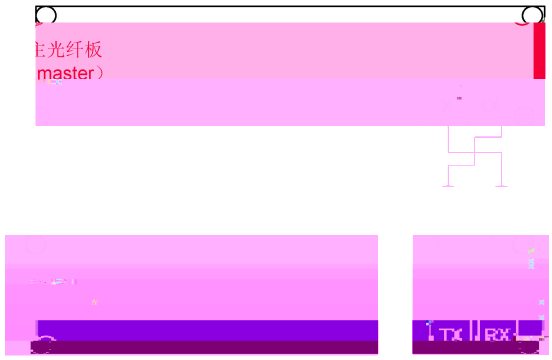
690V AFE

P2.0	1	
P2.3	1	
P3.0	1	
P3.1	20	
P3.3	5	
P4.1 DO2	2	
P4.3 DO4	0	DO
P4.4 DO5	32	
P7.0	180%	
P7.4	200%	
P7.12	1200V	
P8.6	300s	300s 0.5s
P16.0	690V	
P16.2		800kW 800kW
P16.4		800kW 670A
P16.11	3	
P24.7	0V	ADJ V6.01

220V 220V

يد DI 1

ضه غ يد يد



380V

P2.0	2	
P4.1 DO2	2	
P7.0	180%	
P7.4	200%	
P7.12	800V	
P16.0	380V	
P16.2	شبد 1/2	800kW 400kW
P16.4	شبد 1/2	800kW 605A
P16.11	3 عد	

690V

P2.0	2	
P4.1 DO2	2	
P7.0	180%	
P7.4	200%	
P7.12	1200V	
P16.0	690V	
P16.2	شجـ 1/2	800kW 400kW
P16.4	شجـ 1/2	630kW 264A 800kW 335A 1000kW 418A
P16.11	3 عجـ	

380V AFE

P2.0 1

P2.3 1

P3.0 1

P3.1 20 كج كج

P3.3 5

P4.1 DO2 2

P4.3 DO4 0 كج نهـ
DO كج

P4.-

			300s
P8.6	300s		0.5s
P16.0	380V		
P16.2		شجـ	800kW 800kW
P16.4		شجـ	800kW 1210A
P16.11	3	عجـ	
P24.7			

630kW

P16.4 شجب

5		</RST
14		
15	.NC	
20	ر	ر ر

6.1.3

6.1.4

			مخ		
P7.0	[1]	شجـ	0.0 300.0 [%]	180.0 [%]	
P7.4	[1]	شجـ	0.0 300.0 [%]	235.0 [%]	
P7.12		شجـ	800 1250 [V]	1200 [V]	
P7.13		شجـ	400 750 [V]	550 [V]	
P7.14		شجـ	60.0 100.0 [ ]	87.5 [ ]	
P7.47			0.0 300.0 [%]	100.0 [%]	
P7.48	1	شجـ 1	0.0 300.0 [%]	150.0 [%]	
P7.49	1	شجـ 1	0.00 60.00 [s]	60.00 [s]	
P7.50	2	شجـ 2	0.0 300.0 [%]	200.0 [%]	
P7.51	2	شجـ 2	0.00 5.00 [s]	5.00 [s]	
P7.95		شجـ	0.0 20.0 [s]	15.00 [s]	

6.1.5

			مخ		
P8.0		[0] [1] [2]DP [3]MODBUS [4] شجـ	0 4	0	شجـ

6.1.6

			مخ		
P16.0			320 460 [V]	380 [V]	
P16.2		شجب	0.0 4000.0 [kW]	قمم [kW]	
P16.4		شجب	0.0 6500.0 [A]	قمم [A]	
P16.11		[0]V/F [1] [2] [3] شجب [4]	0 4	0	شجب [3]

7.

7.1

ضي

غجد

WO1 SYS_NOT_RDY (Ready)

[

]

WO2 NO_DRV_ENABLE

7.2

[E056]	ERR_SLAVE_FAULT not reset	
[E100]	OV	P8.35(1) P7.12( )
[E105]	UV	غج P7.13( )
[E110]	OC	P7.4([1]) شج P7.4( )
[E111]	OL	P7.48 P7.49
[E112]	ضر ZC	P7.8 ضر كح
[E113]	MIP	
[E114]	MOP	كح
[E137]	FAN STALL	
[E138]	TEMP_SENSING FAIL	
[E139]	Pre_Charging Fail شج	شج عج كح P7.95
[E140]	Line UV شج	شج كح ضي ثم
[E141]	Line OPEN شج	شج
[E142]	Line Detection Error شج	شج شج
[E143]	كح Line SW Fail شج	DI كح كح

7.3

شبح

شبح		•	• DC15V
		• كح	• D05 • D05 كح • شبح
		• كح	• D04 كح • شبح

8.


1 ج شجـ 2 3 عجـ 4

1 CMOS شخ 2 3 شخ

8.1 غ

ج شجـ ج قمم

ج شجـ

غجـ كح ج ذّ

ضي ج غجـ ج شجـ

غ ج شجـ

8.2

شجـ ج شجـ

ج شجـ ث ج

	1. 2.	1. > 40 < 95% 2. ء
	1. 2. ج	1. 2. كل
ج شجـ	1. 2. كل 3.	1. 2. ء كل 3. نه
	1. 2. كل	1. 2. كل شخ
	1. 2.	1. مخ ضي 2. ضي

8.3

ج شجـ

ج شجـ

كح		
كح		
	ء	
	غ كل 2	1 2
PCB		

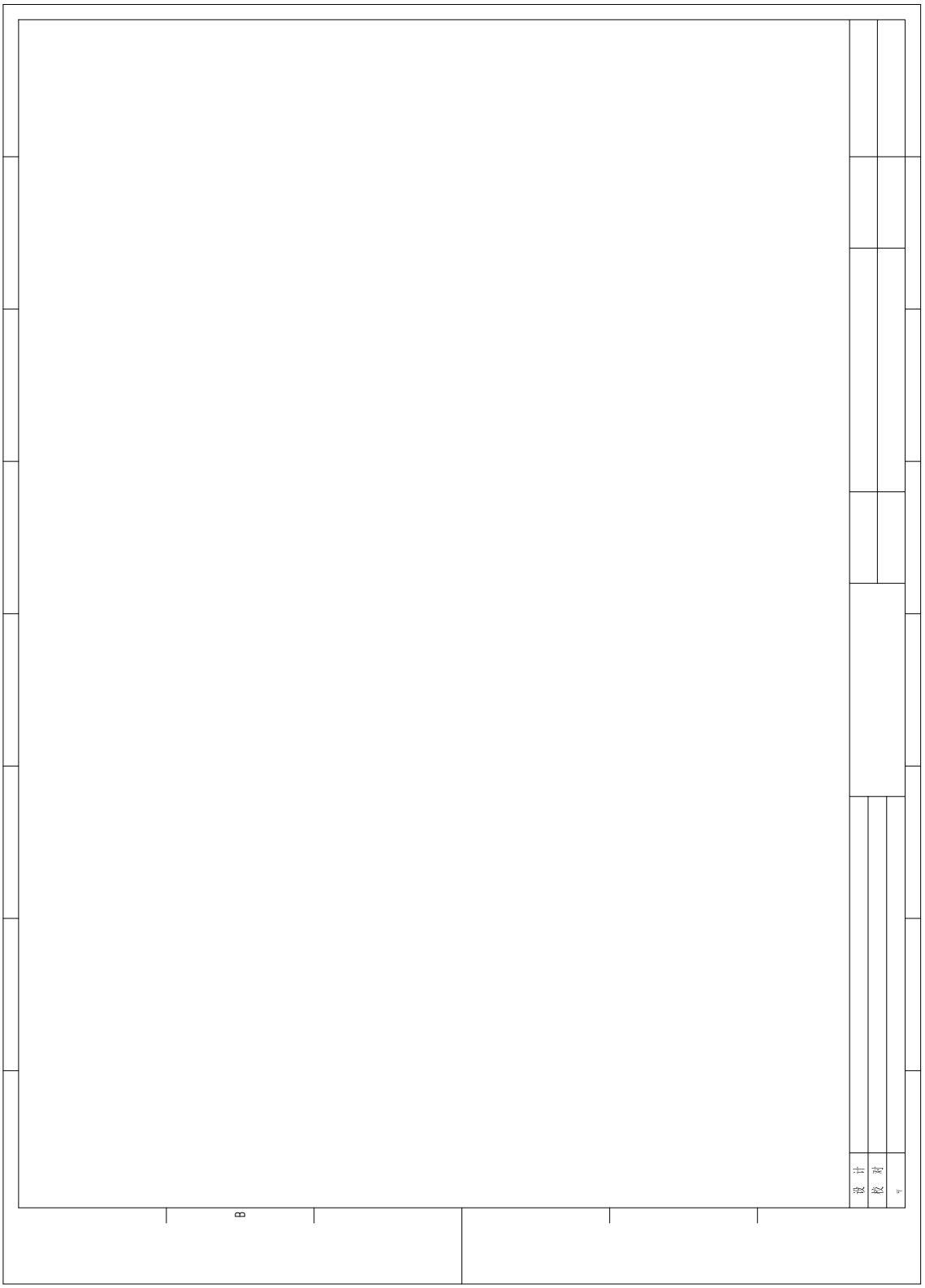
8.4

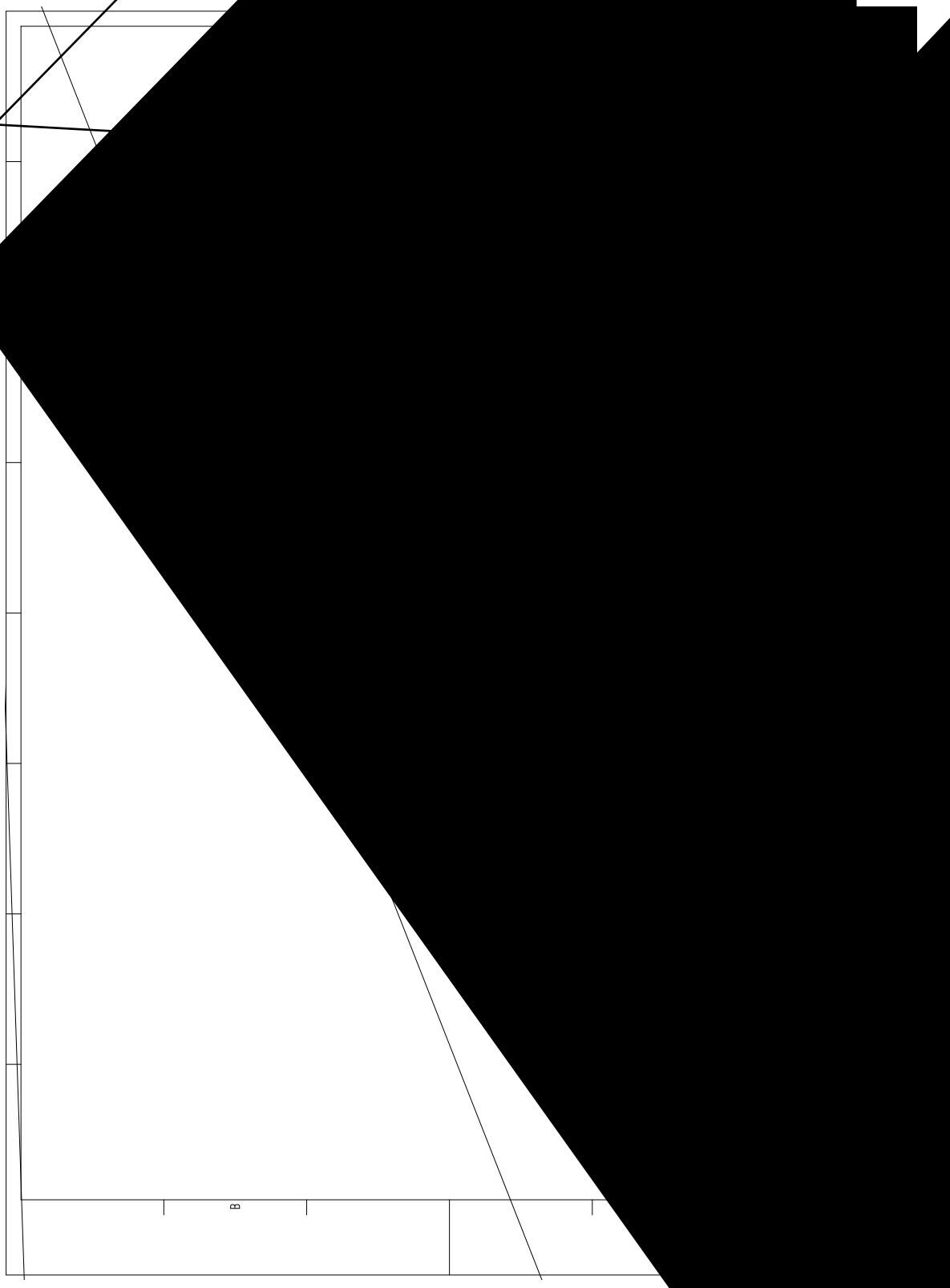
ج غ ش ث

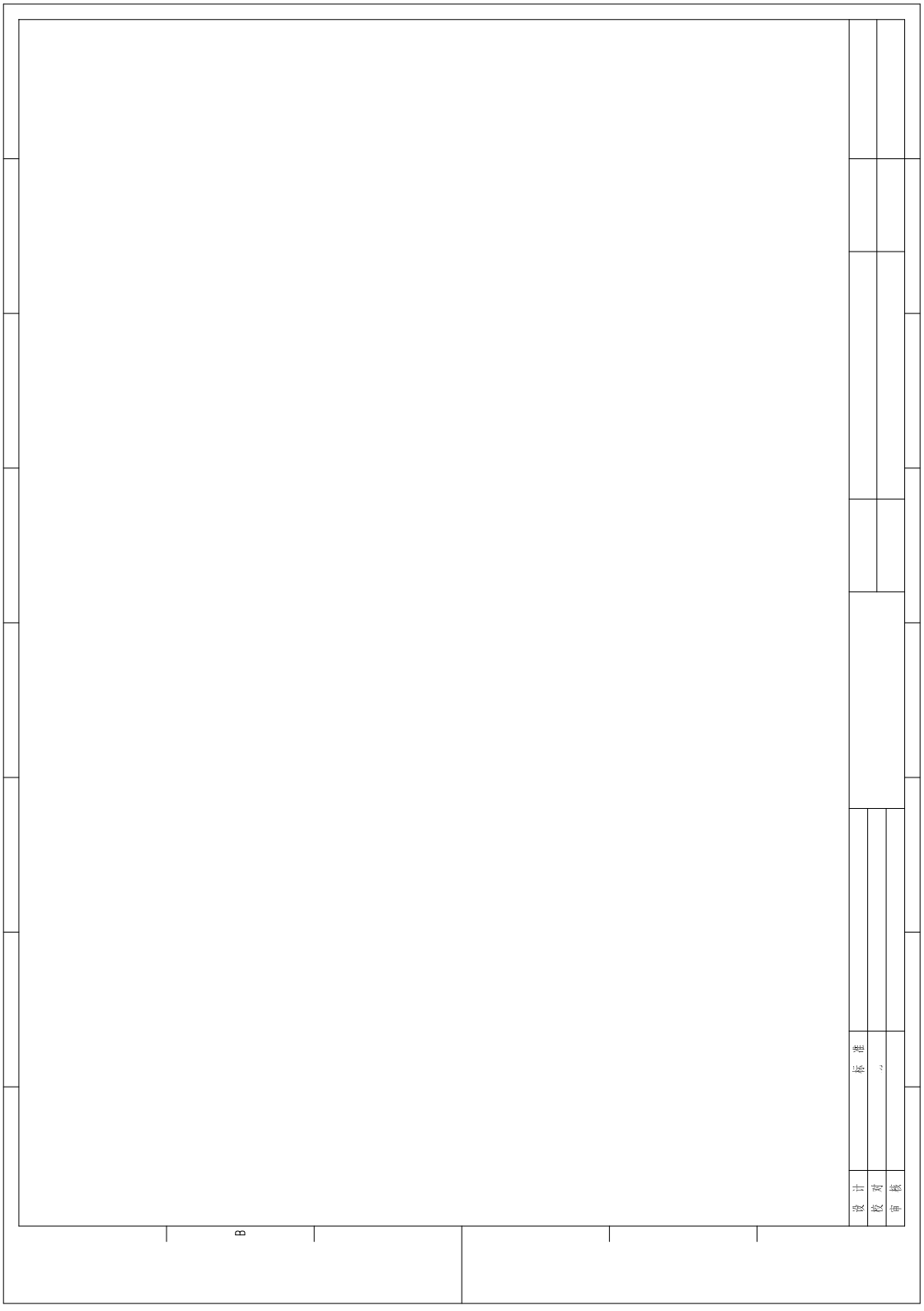
ج ث

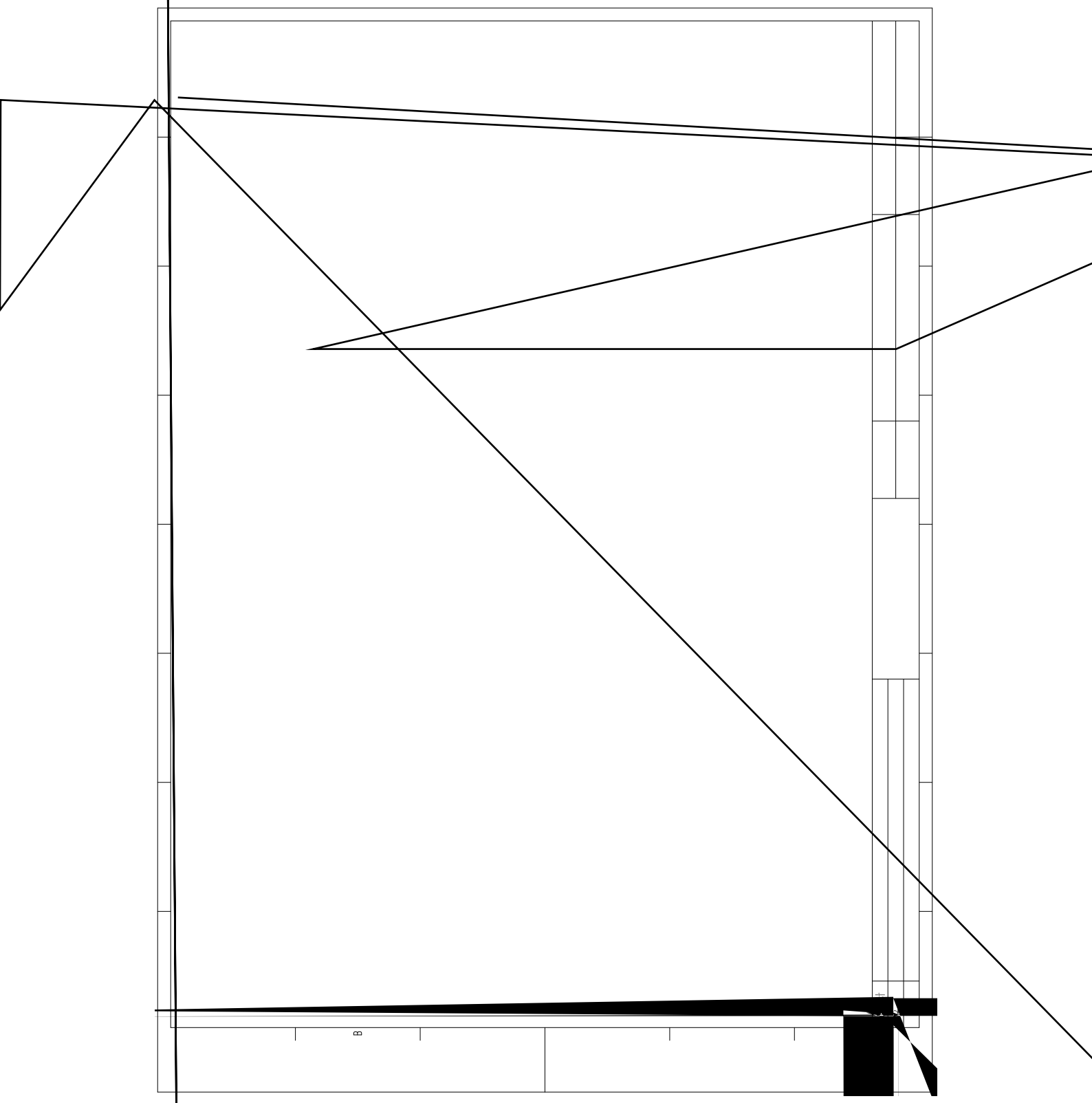
ج 5 Đ

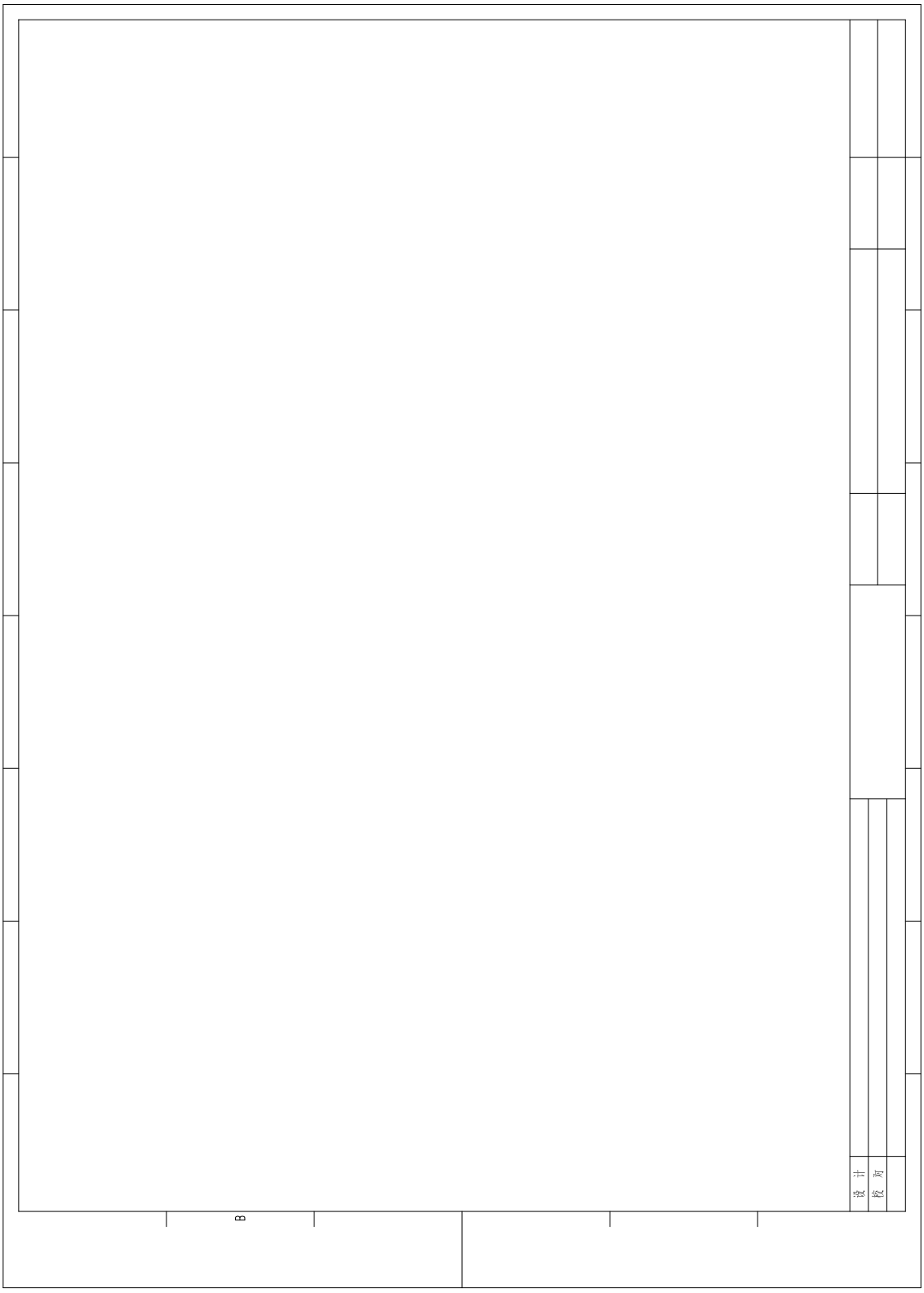
8.6






标 准
设 计
校 对
审 核

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