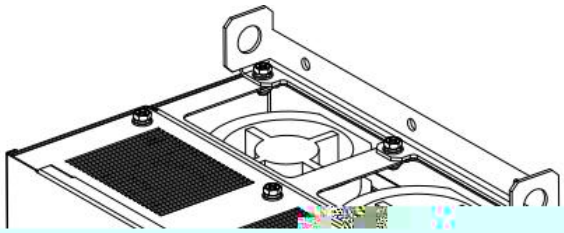
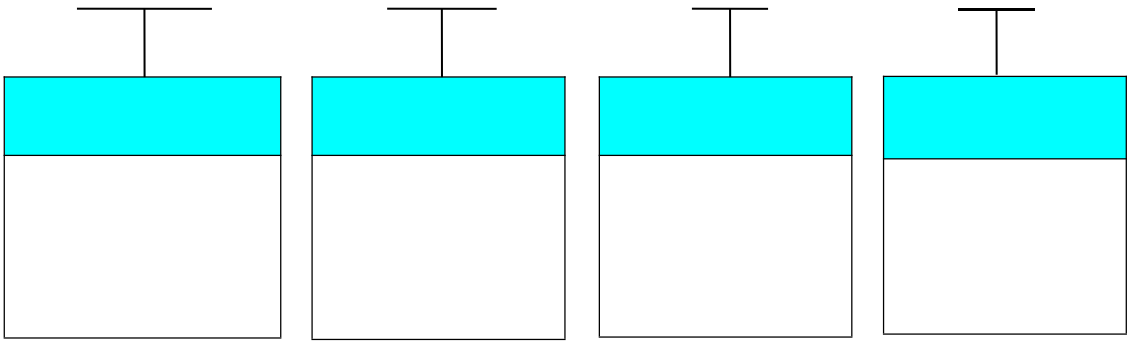
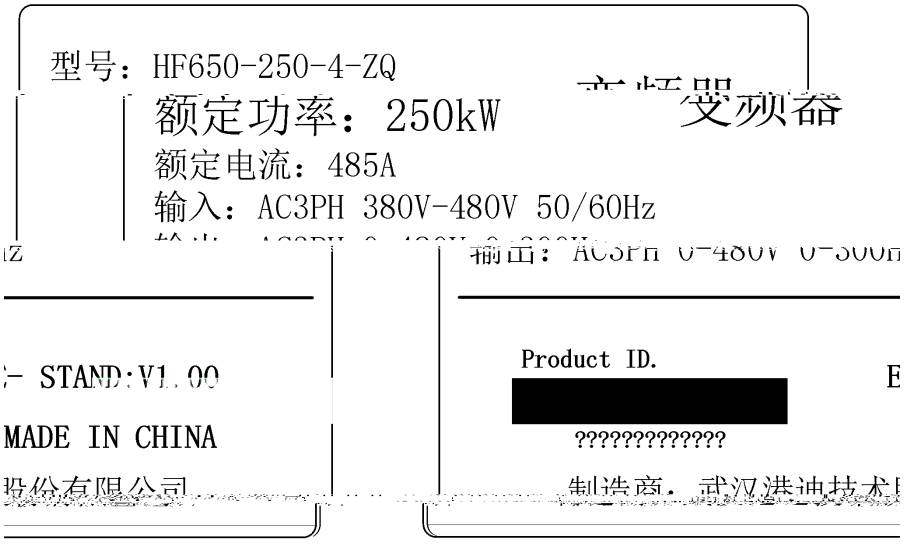
GUIDE

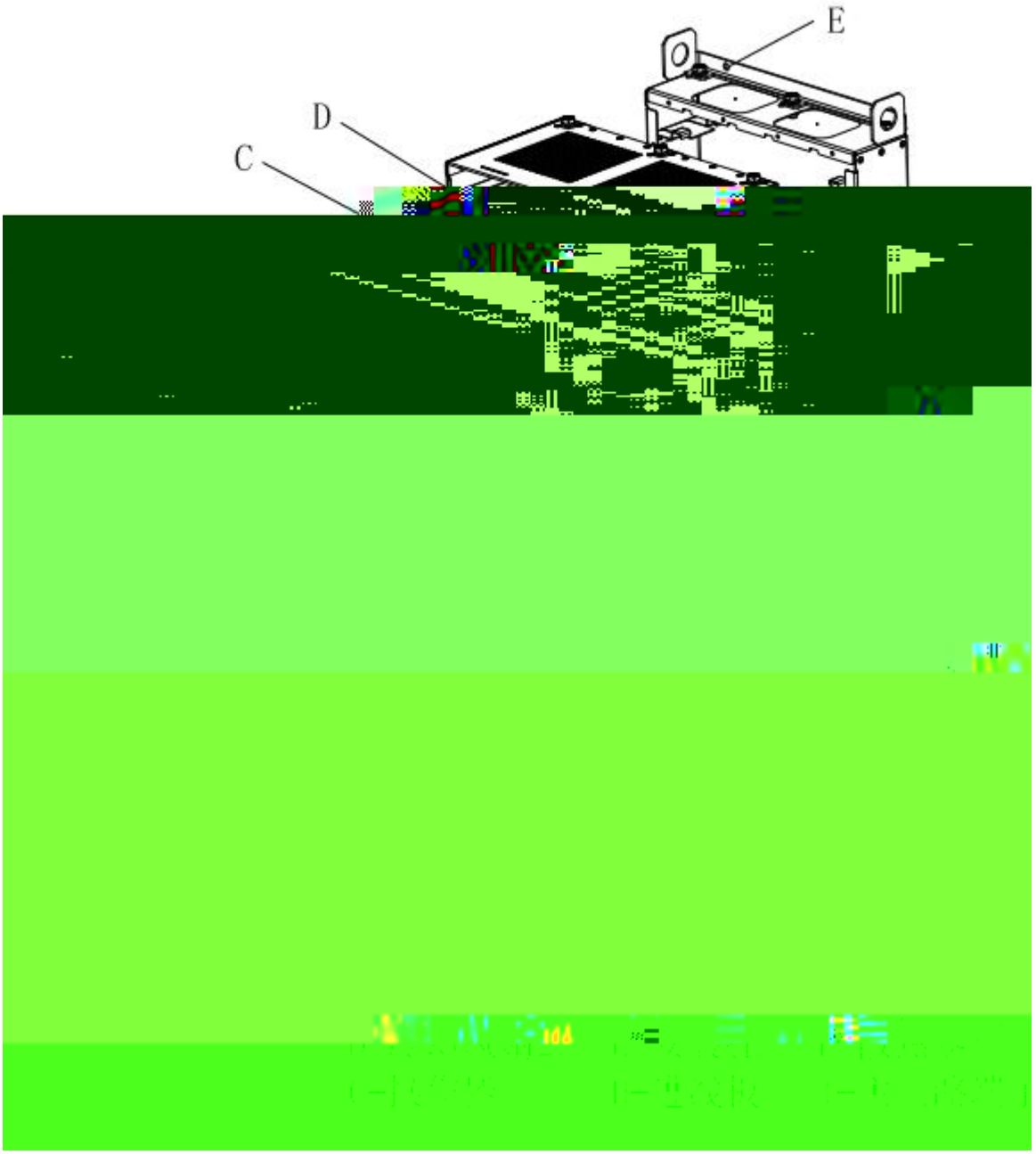


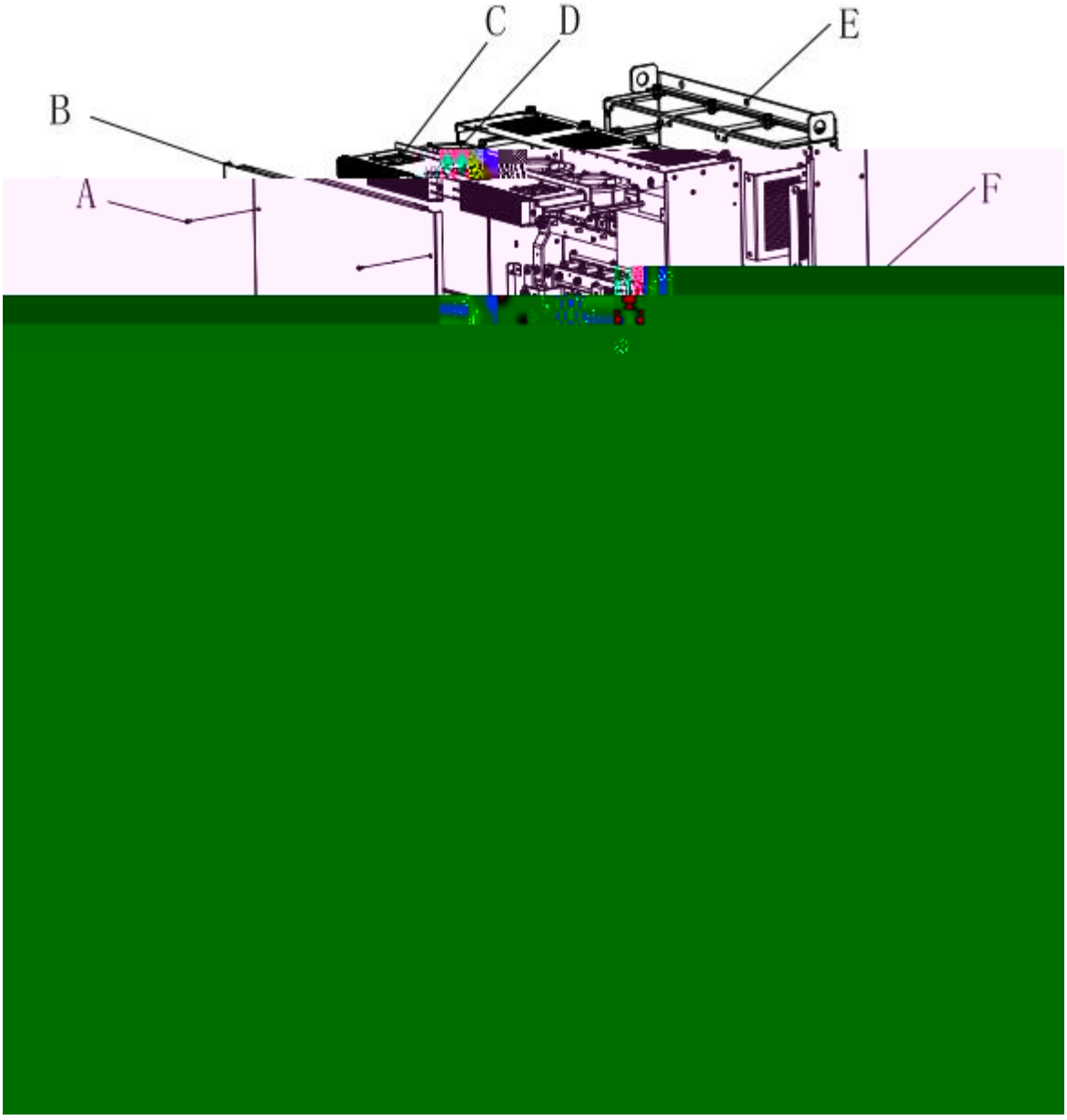


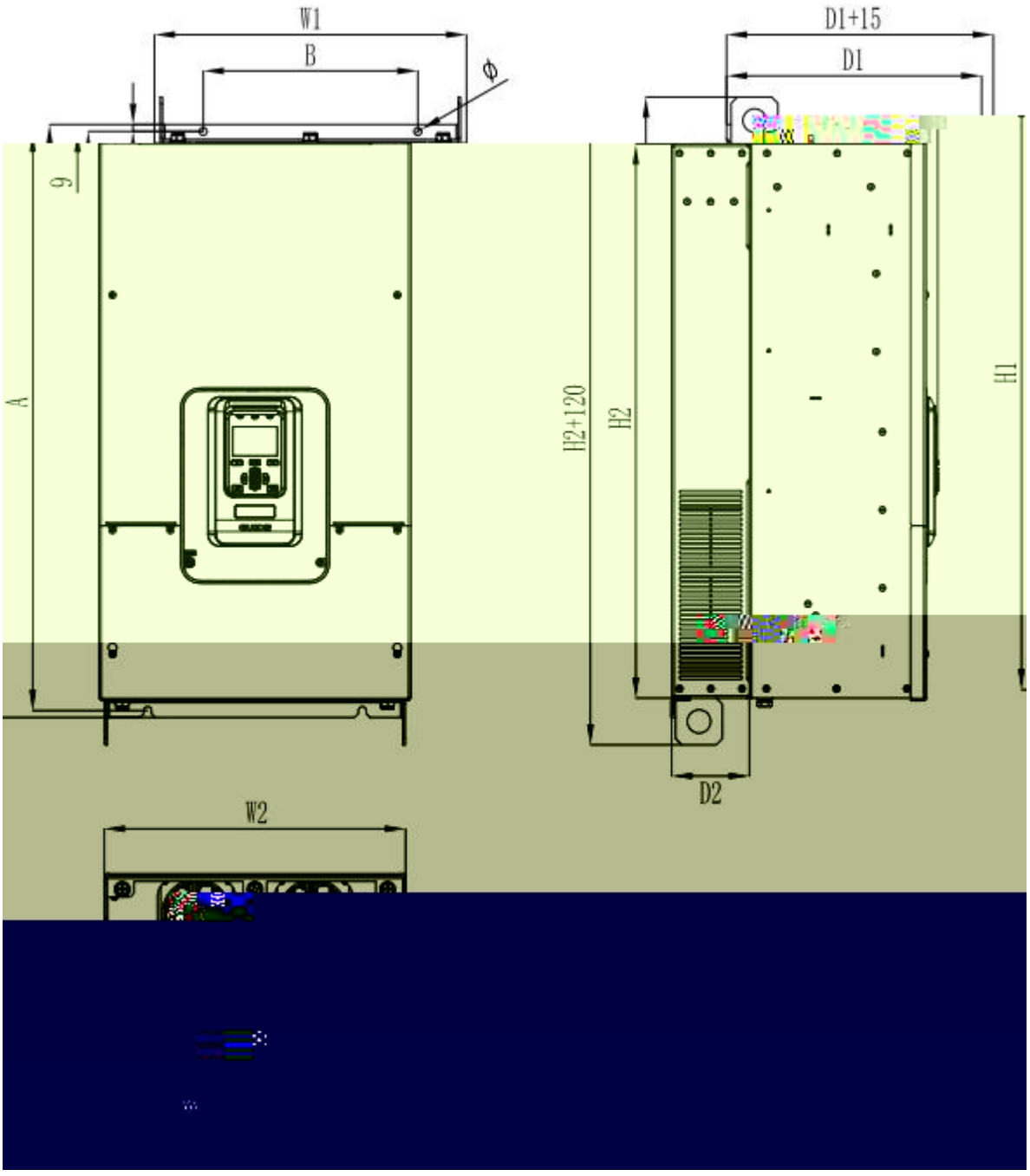


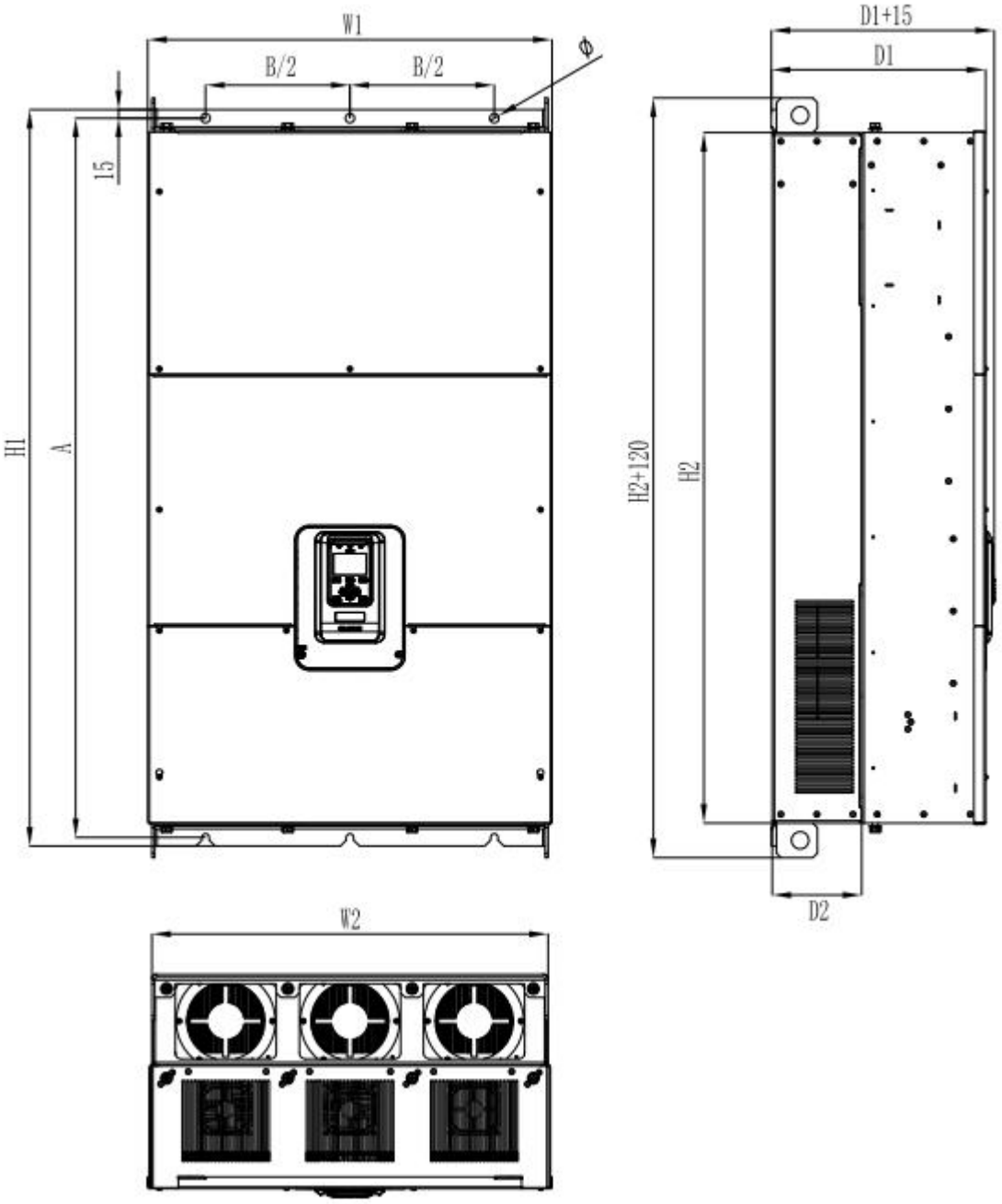


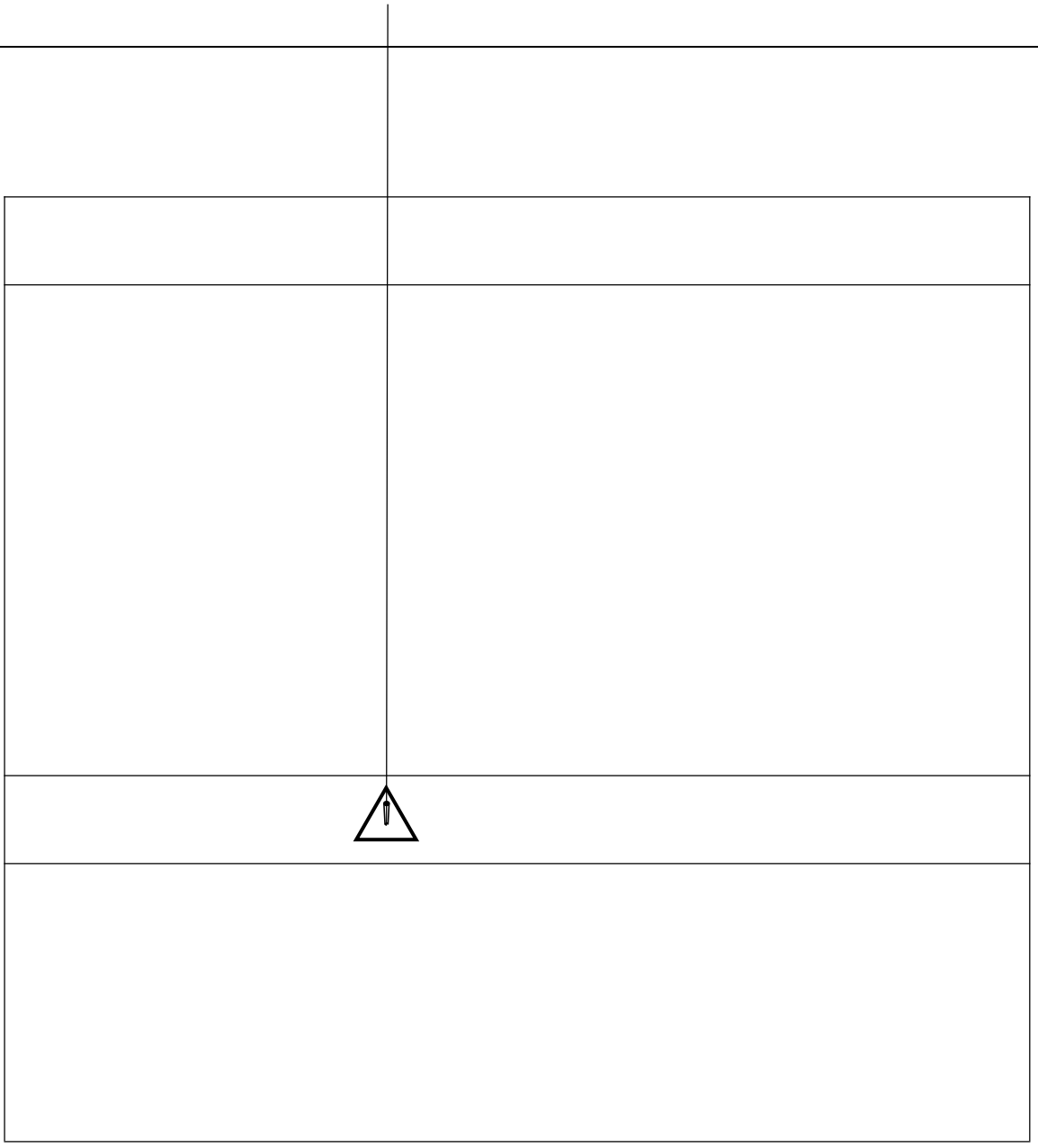

型号：HF650-250-4-ZQ
额定功率：250kW
额定电流：485A
输入：AC3PH 380V-480V 50/60Hz
Product ID.
MADE IN CHINA

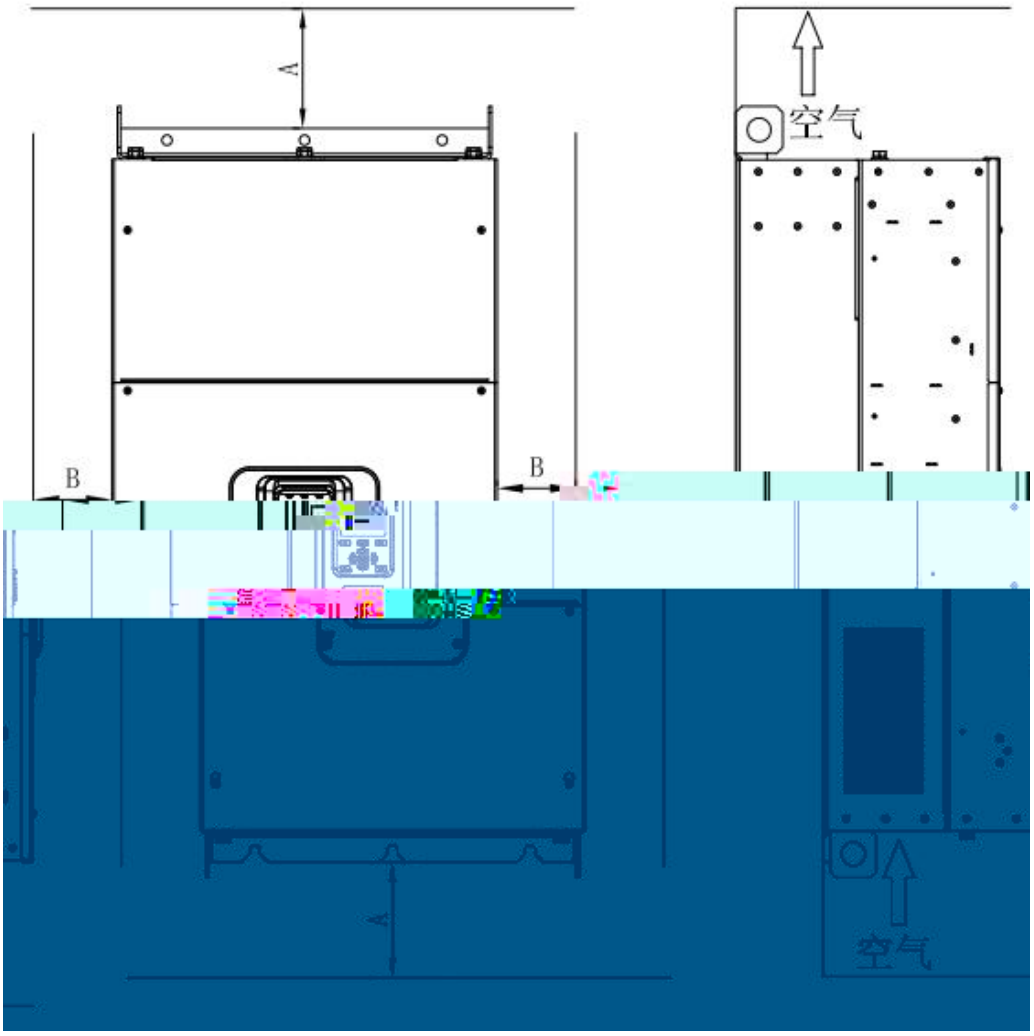

E
D
C


C
D
E
B
A
F

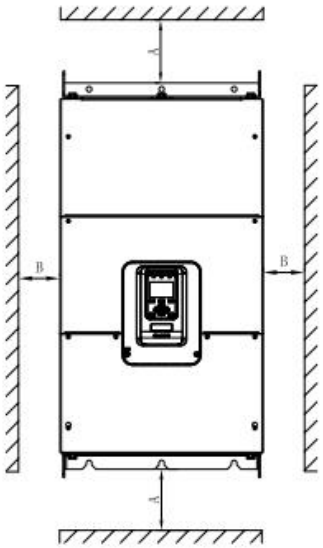

W1
B
ϕ
9
A
D1+15
D1
H2+120
H2
H1
D2
W2

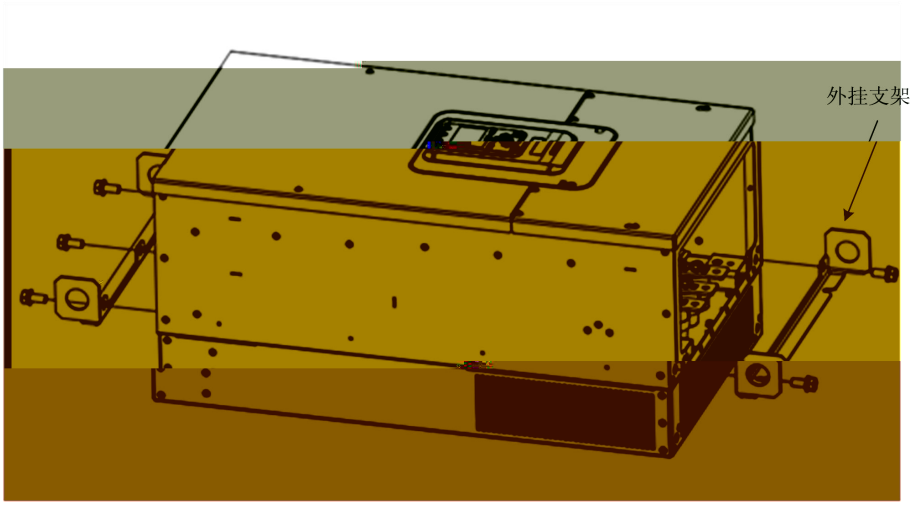

W1
B/2
B/2
Φ
15
H1
A
D1+15
D1
H2+120
H2
D2
W2

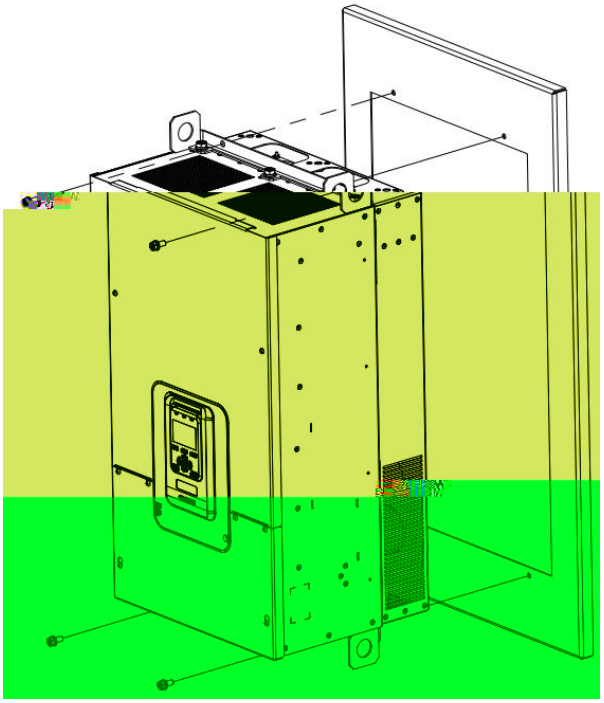


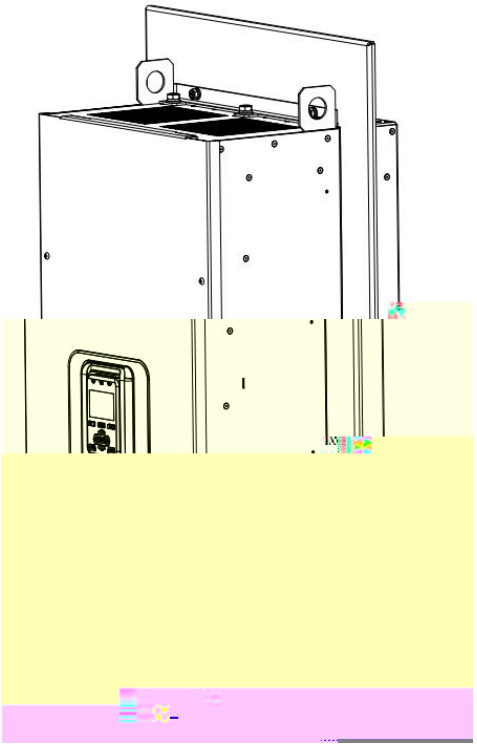

A
空气
B
B
A
空气

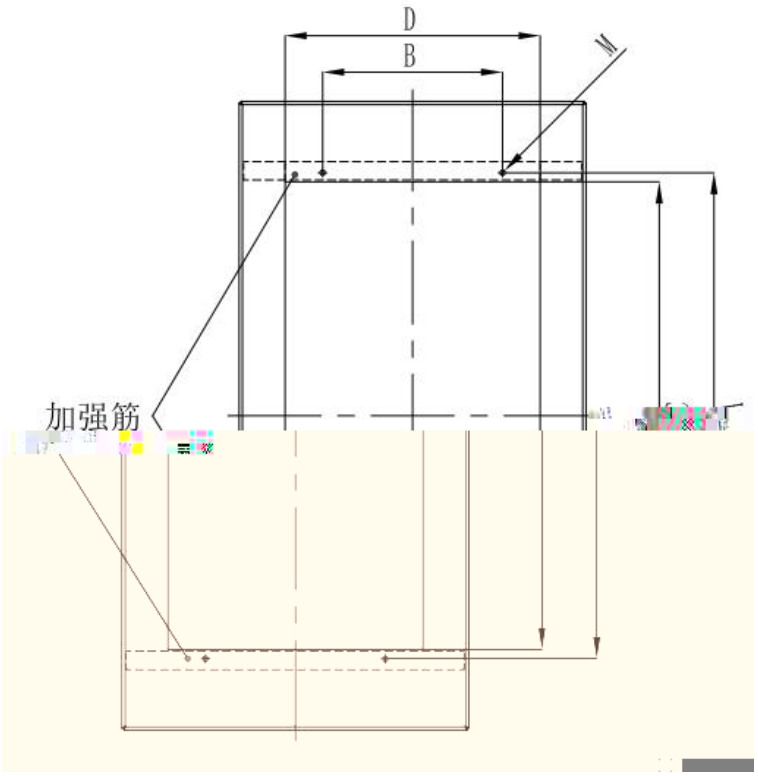
37kW~400kW

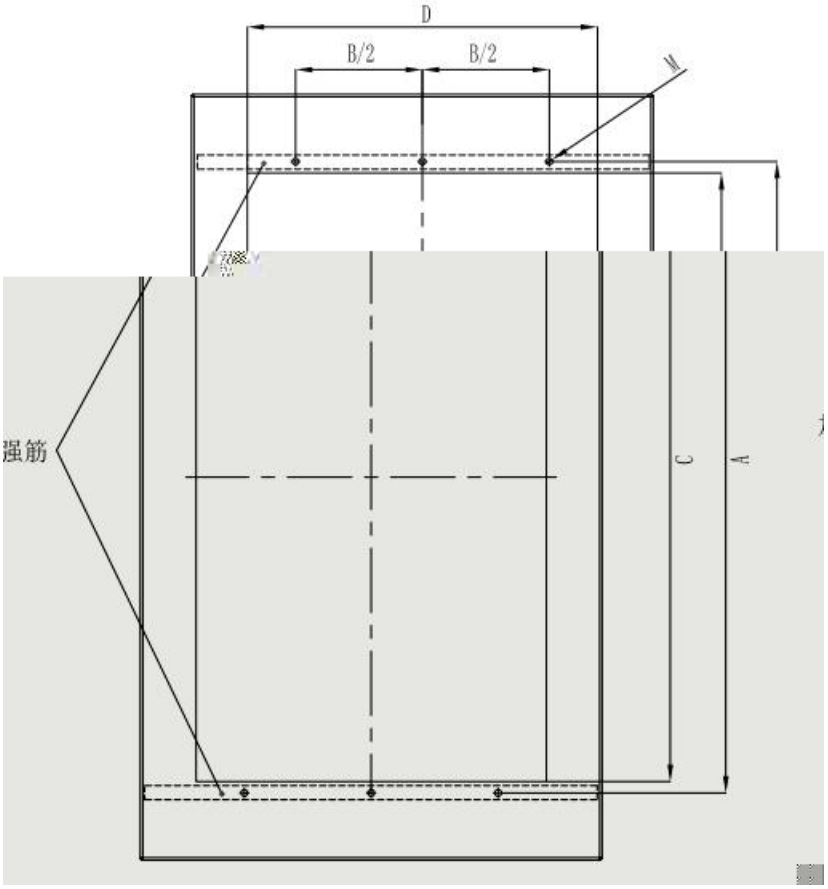


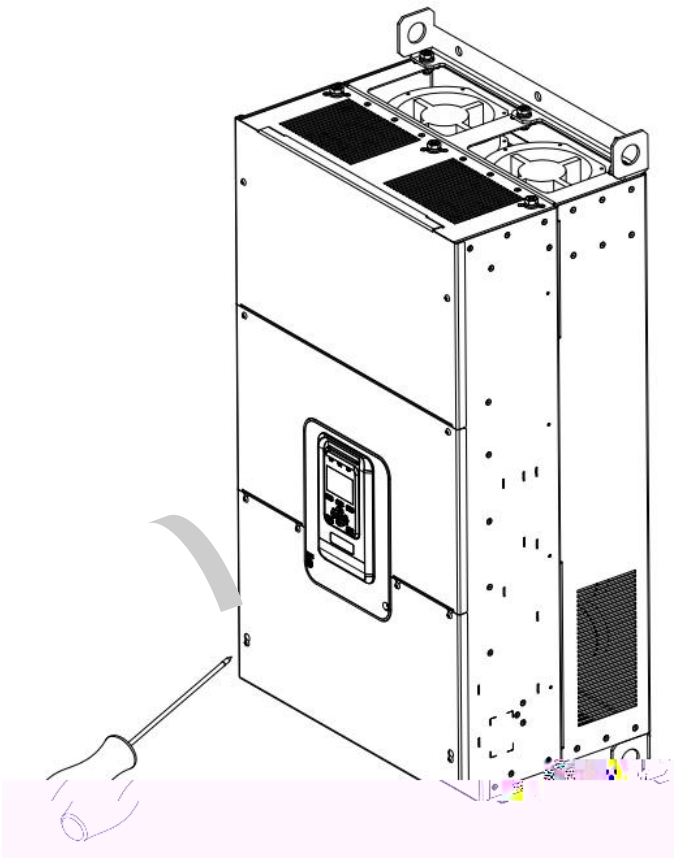


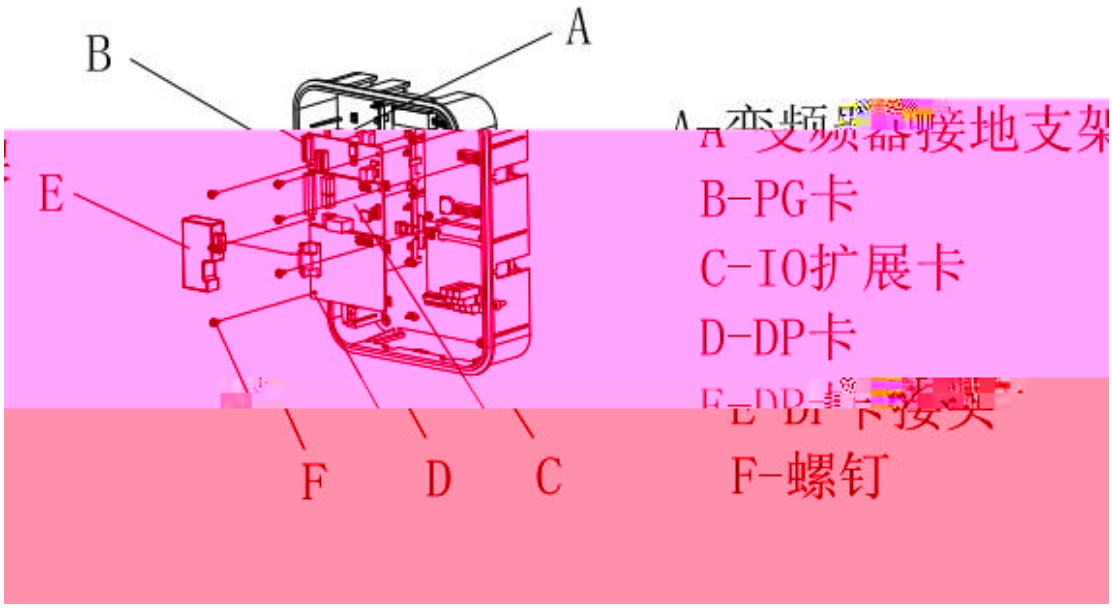


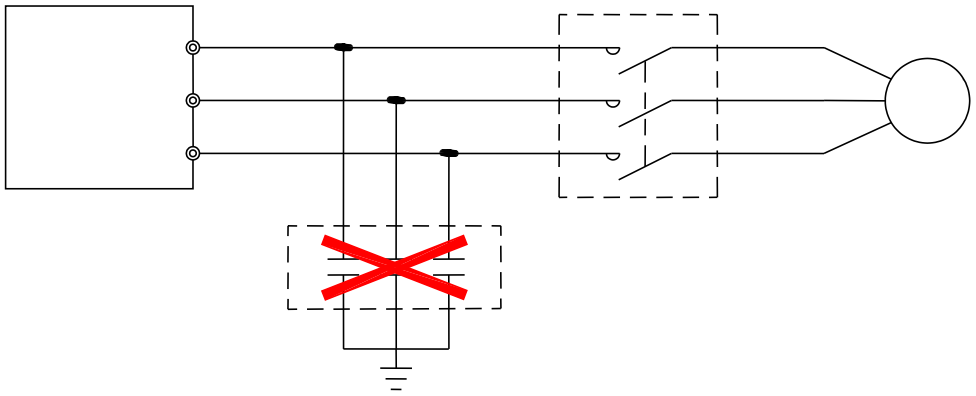


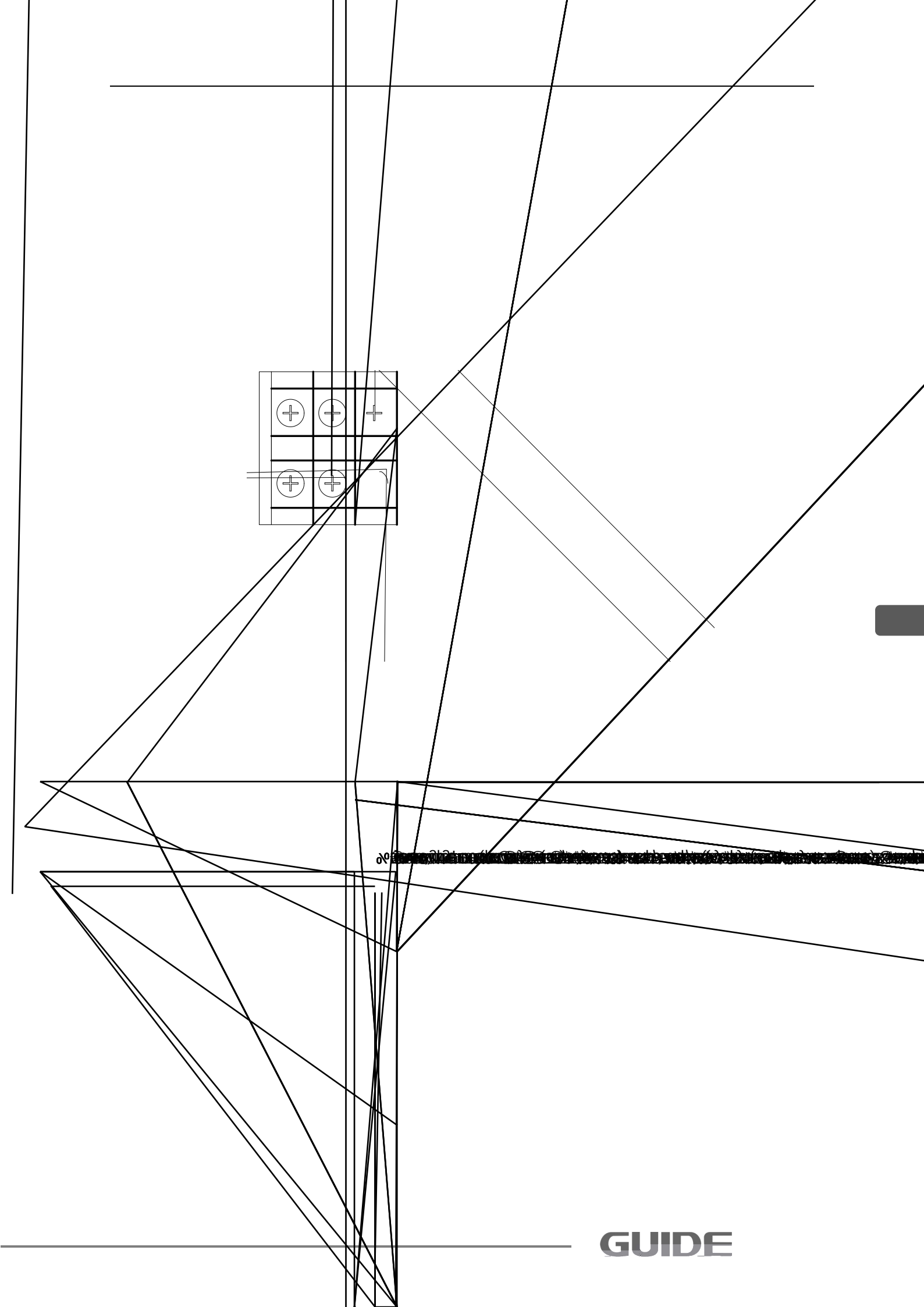

D
B
加强筋


D
B/2
B/2
强筋
C
A

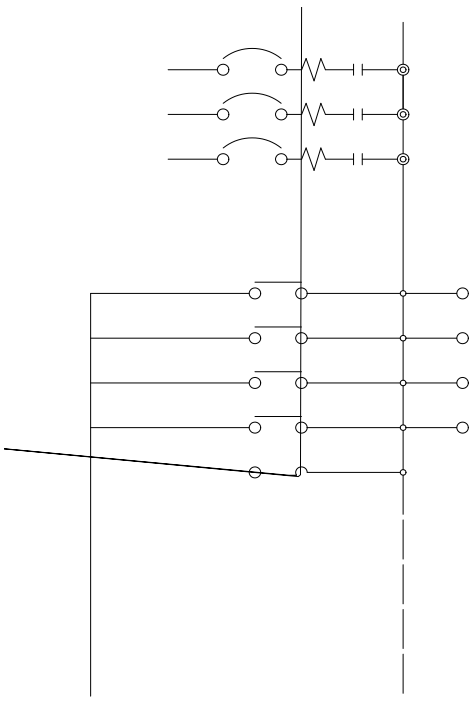


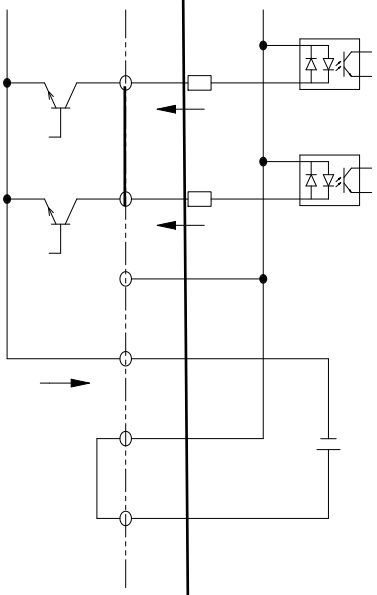

A
B
E
F
D
C
A-变频器接地支架
B-PG卡
C-IO扩展卡
D-DP卡
F-螺钉

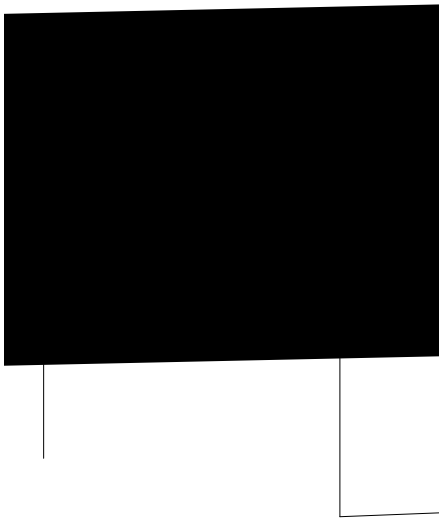


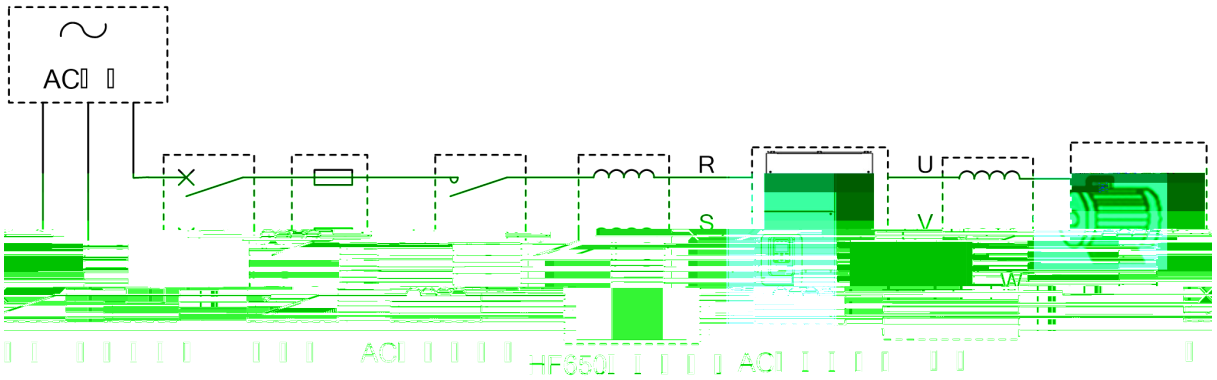




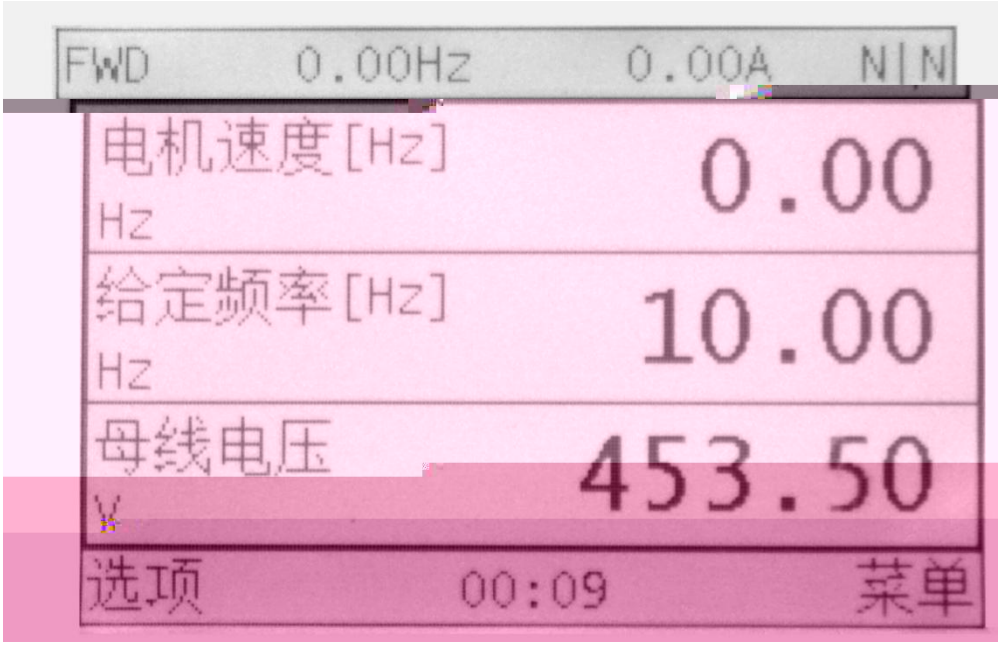


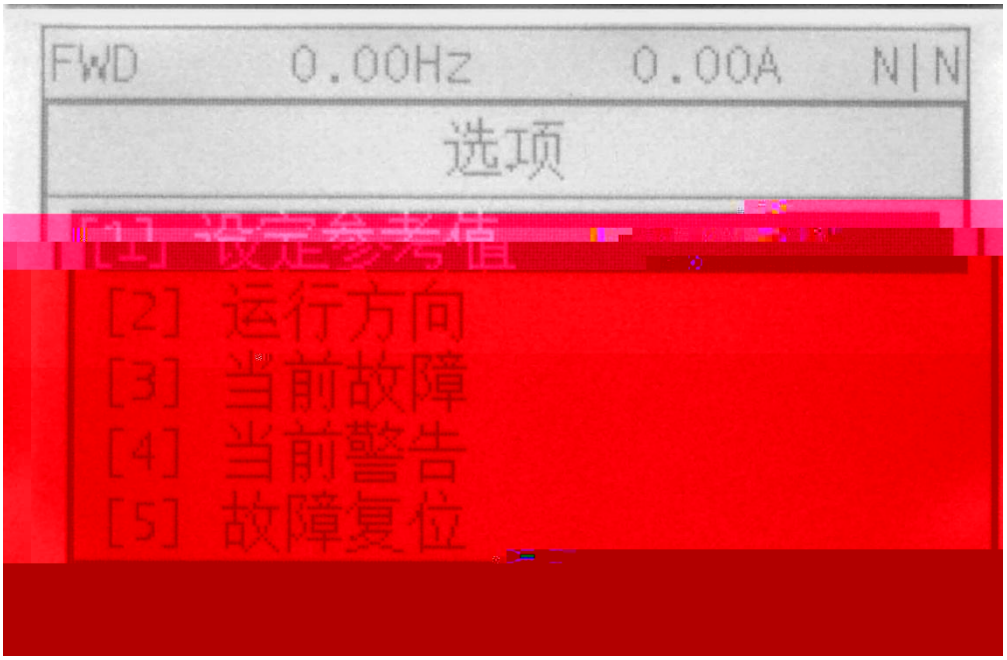


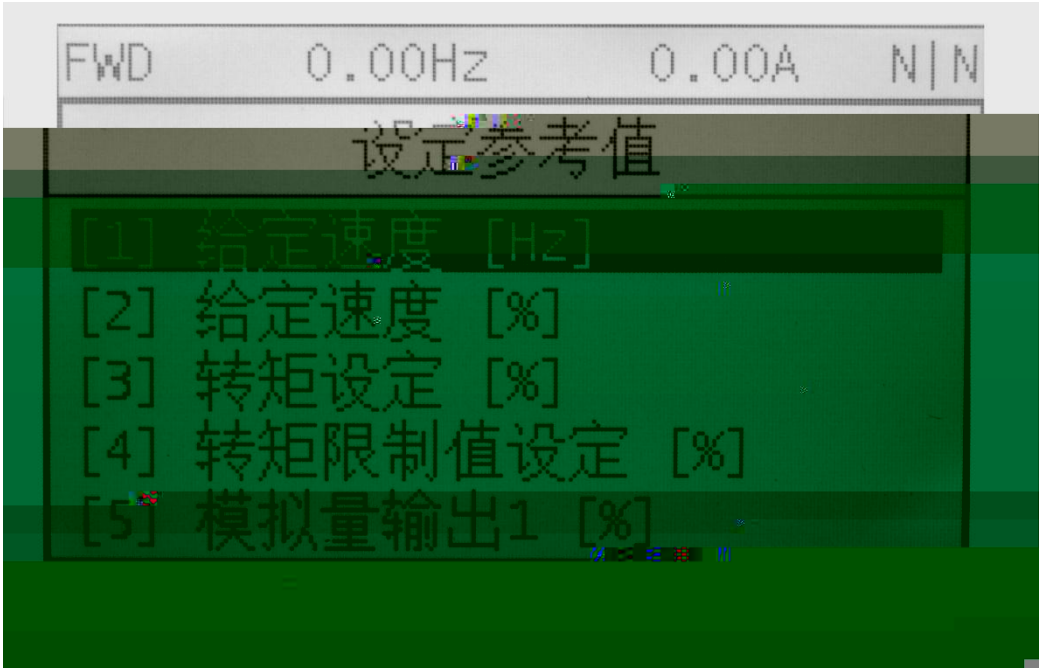


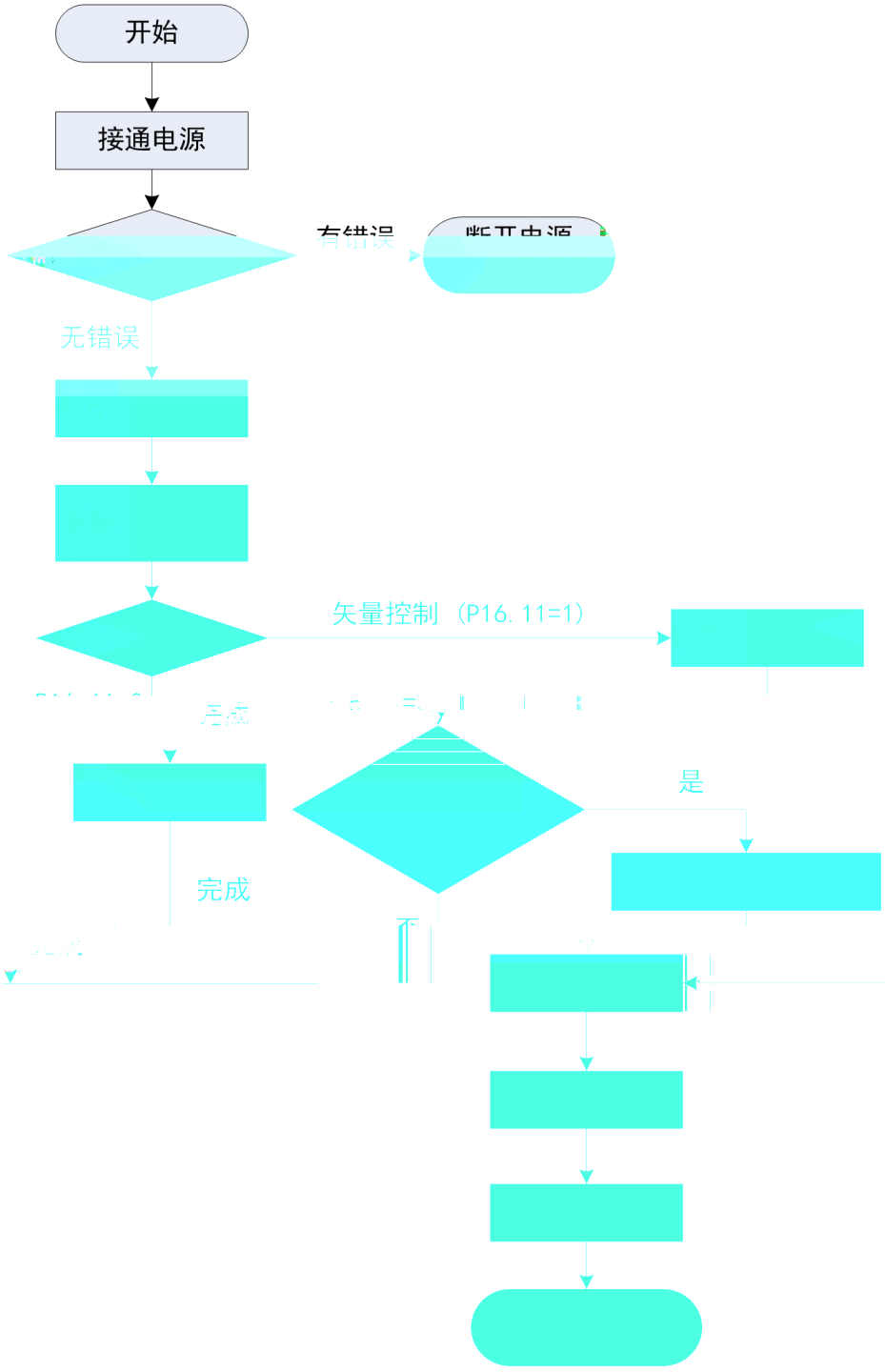

R
S
U
V
W

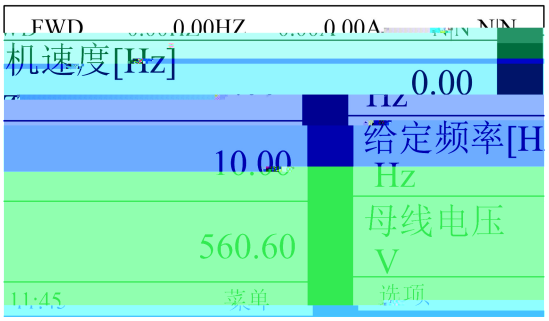

RUN
LOCAL
FAULT
F1
LOC/REM
F2
ENTER
RUN
STOP


FWD 0.00Hz 0.00A N|N
电机速度[Hz]
Hz
0.00
给定频率[Hz]
Hz
10.00
母线电压
V
453.50
选项
00:09
菜单


FWD
0.00Hz
0.00A
N|N
选项
[2] 运行方向
[3] 当前故障
[4] 当前警告
[5] 故障复位


FWD 0.00Hz 0.00A N|N
设定参考值
[1] 给定速度 [Hz]
[2] 给定速度 [%]
[3] 转矩设定 [%]
[4] 转矩限制值设定 [%]
[5] 模拟量输出1 [%]


开始
接通电源
无错误
矢量控制（P16. 11=1）
是
完成

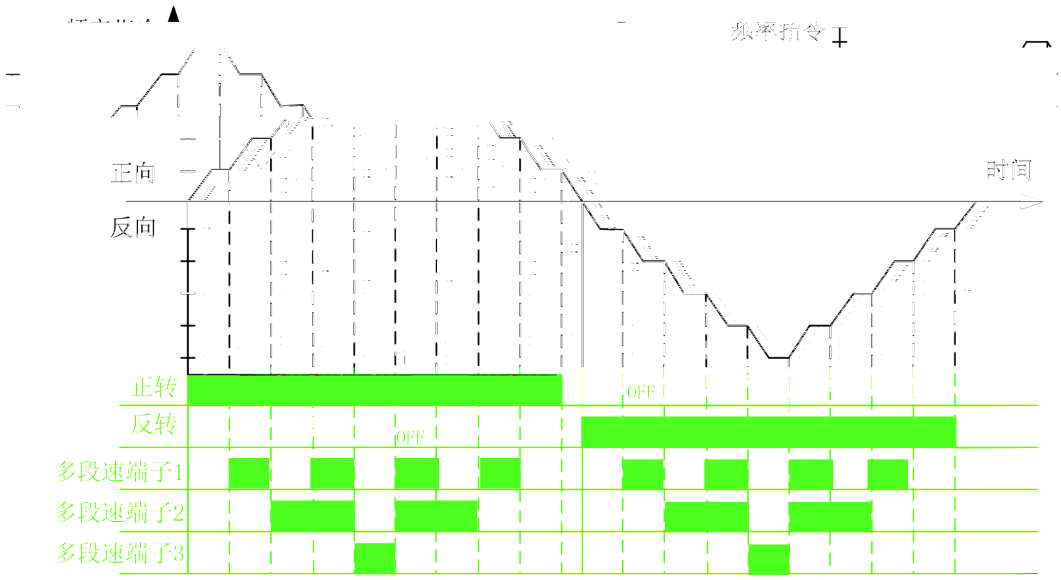

FWD
0.00HZ
0.00A
机速度[Hz]
0.00
Hz
给定频率[H
10.00
Hz
母线电压
560.60
V
菜单
选项

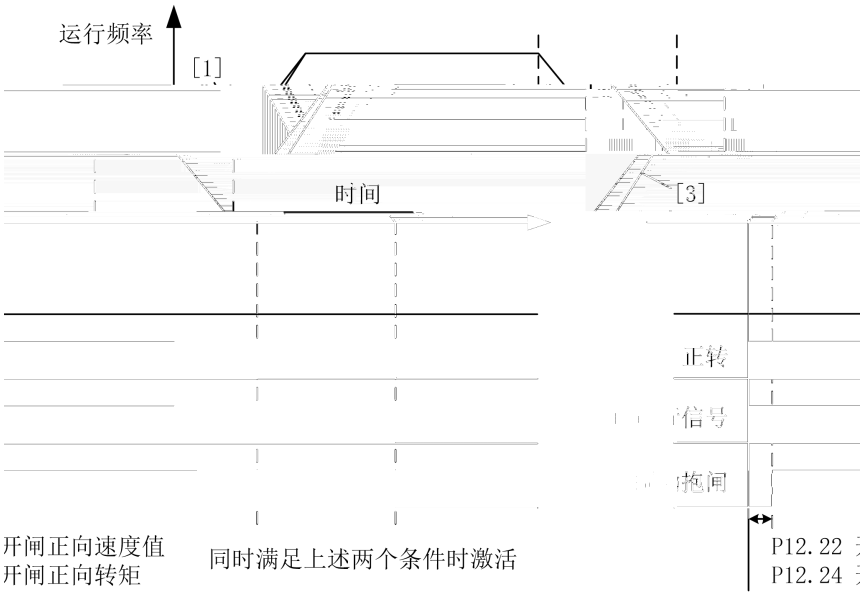

FWD
0.00HZ
0.00A
NE
当前故障
E105
欠压
退出
11:45
复位

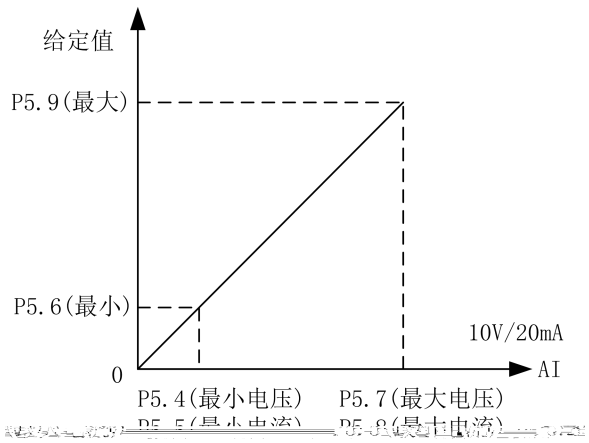
B B$

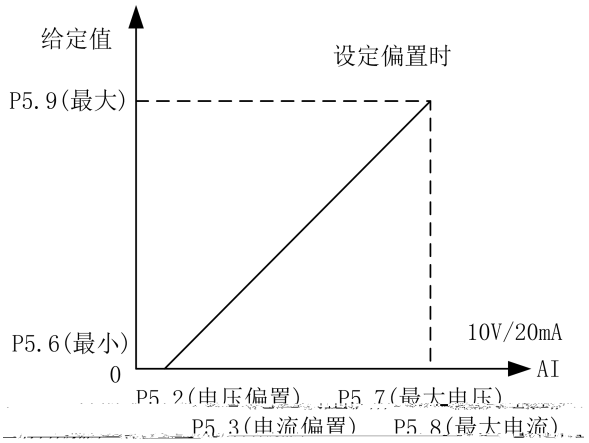
@5•5yiiy@^ oe

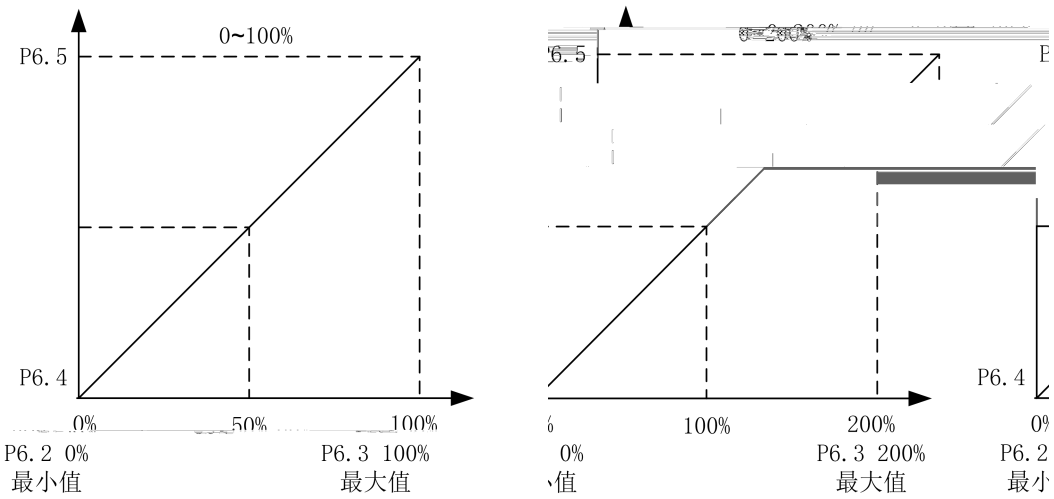



正向
反向
时间
正转
反转
OFF
OFF
多段速端子1
多段速端子2
多段速端子3


运行频率
[1]
时间
[3]
正转
信号
抱闸
开闸正向速度值
开闸正向转矩
同时满足上述两个条件时激活
P12.22
P12.24

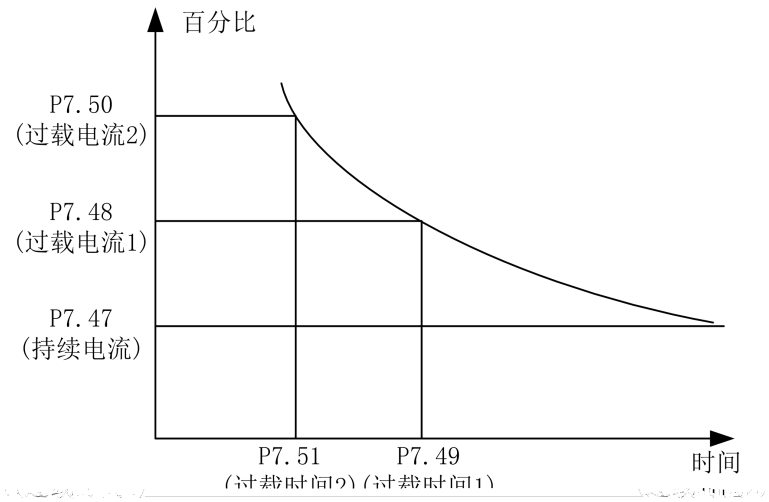

给定值
P5.9(最大)
P5.6(最小)
0
10V/20mA
AI
P5.4(最小电压)
P5.7(最大电压)


给定值
设定偏置时
P5.9(最大)
P5.6(最小)
0
10V/20mA
AI
P5.3(电流偏置)
P5.8(最大电流)

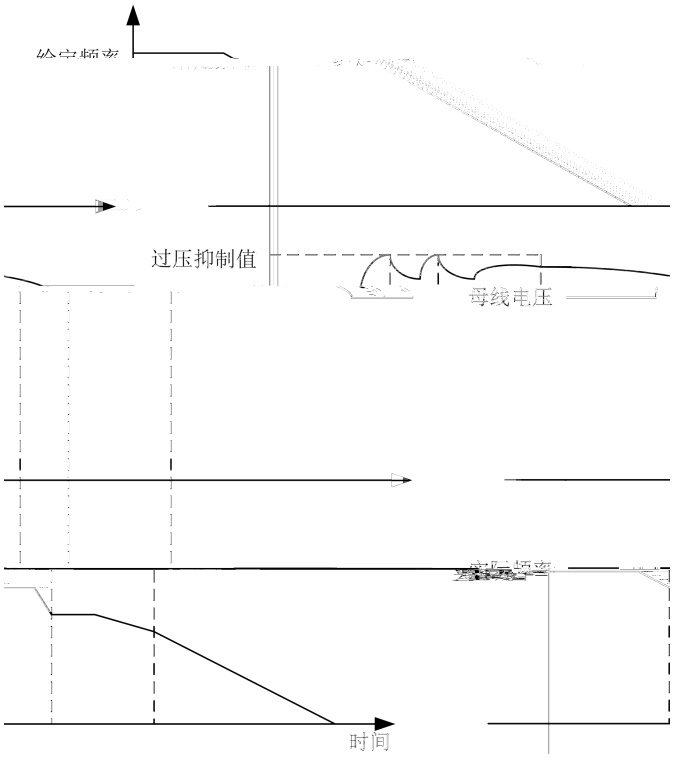

0~100%
P6.5
P6.4
0%
50%
100%
P6.2 0%
最小值
P6.3 100%
最大值
100%
200%
P6.3 200%
最大值
P6.4
P6.5
P6.4
0%
100%
P6.3 100%
最大值
-100%
P6.2 -100%
最小值

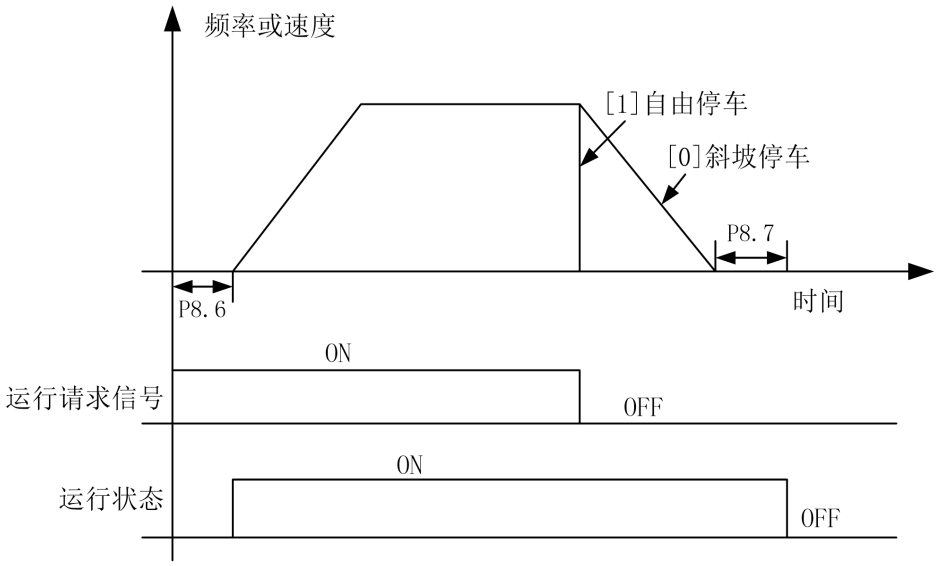
$$I_a + I_b + I_c$$

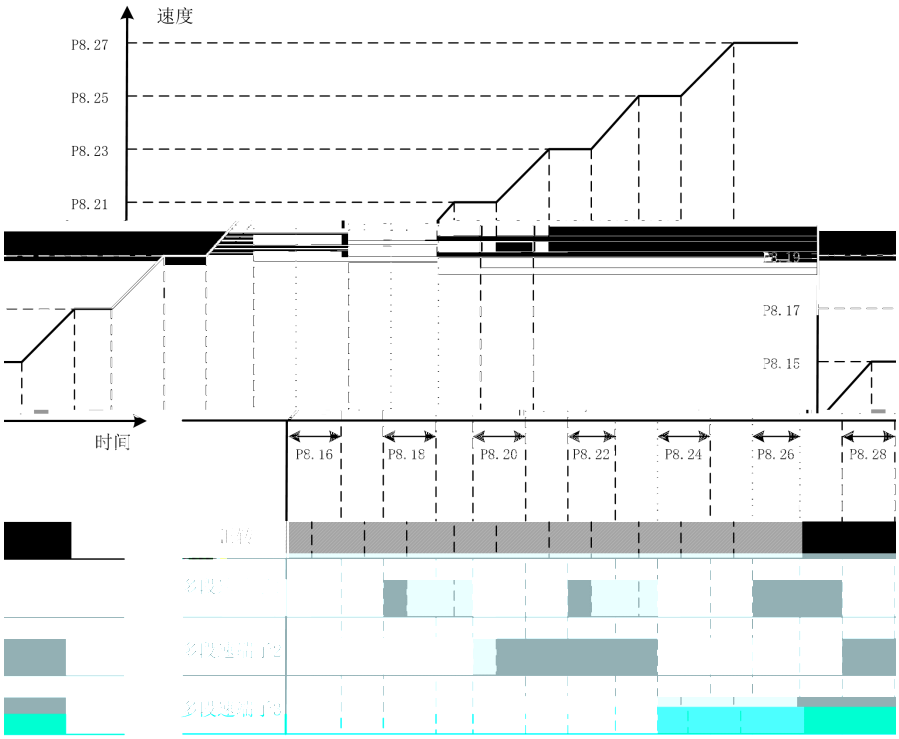
$$\frac{I_a + I_b + I_c}{} > P \qquad P$$

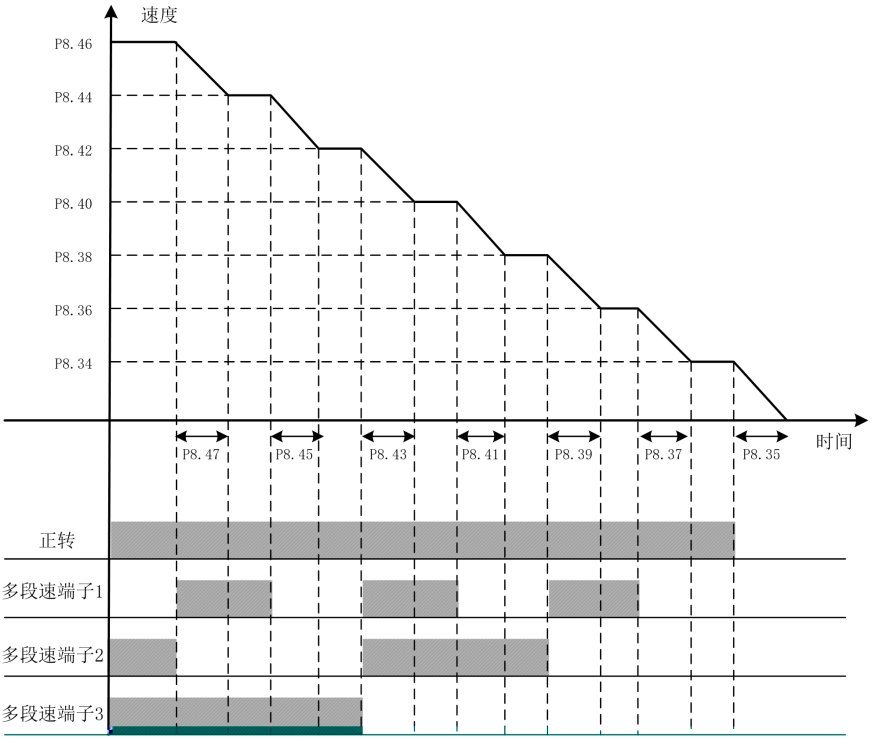

百分比
P7.50
(过载电流2)
P7.48
(过载电流1)
P7.47
(持续电流)
P7.51
(过载时间2)
P7.49
(过载时间1)
时间

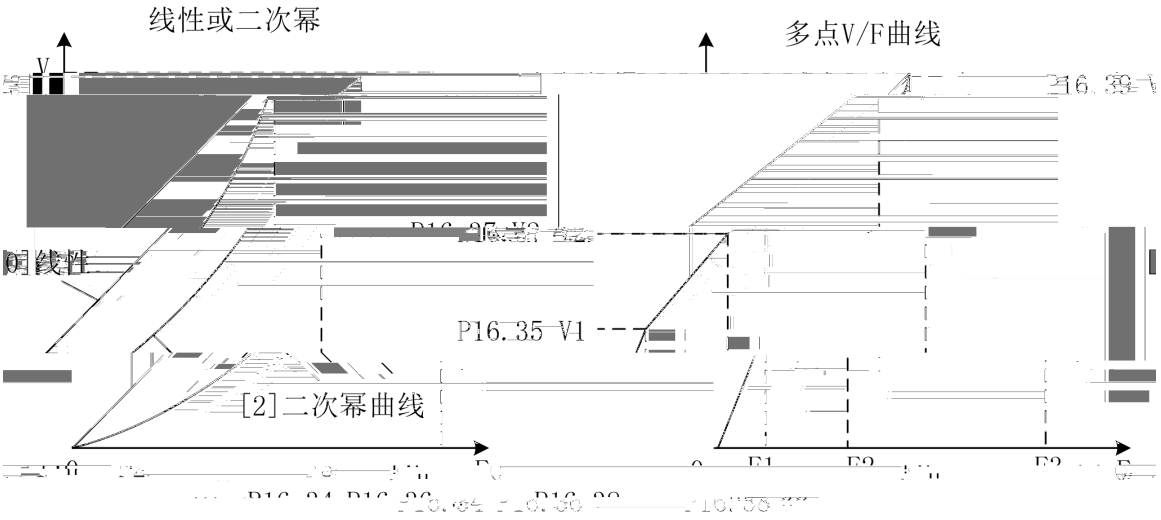
√ + +

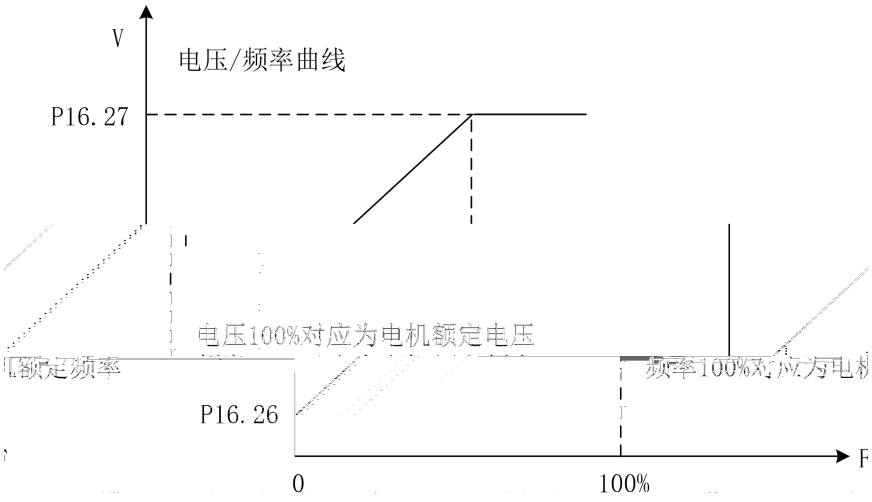

过压抑制值
母线电压
时间

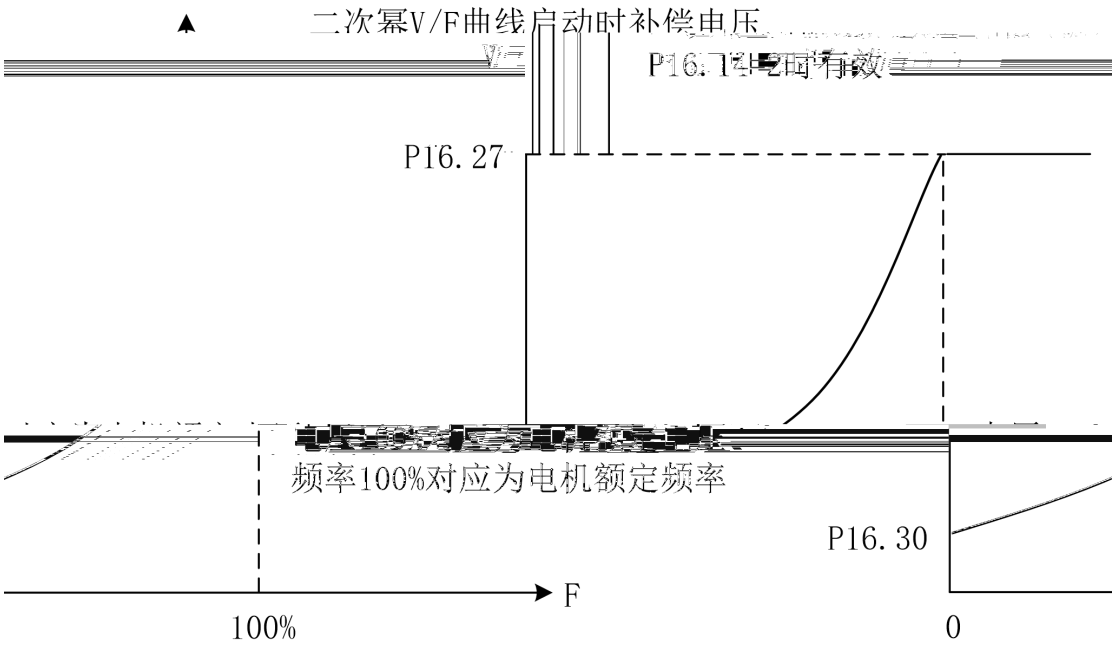

频率或速度
[1]自由停车
[0]斜坡停车
P8.7
P8.6
时间
ON
运行请求信号
OFF
ON
运行状态
OFF

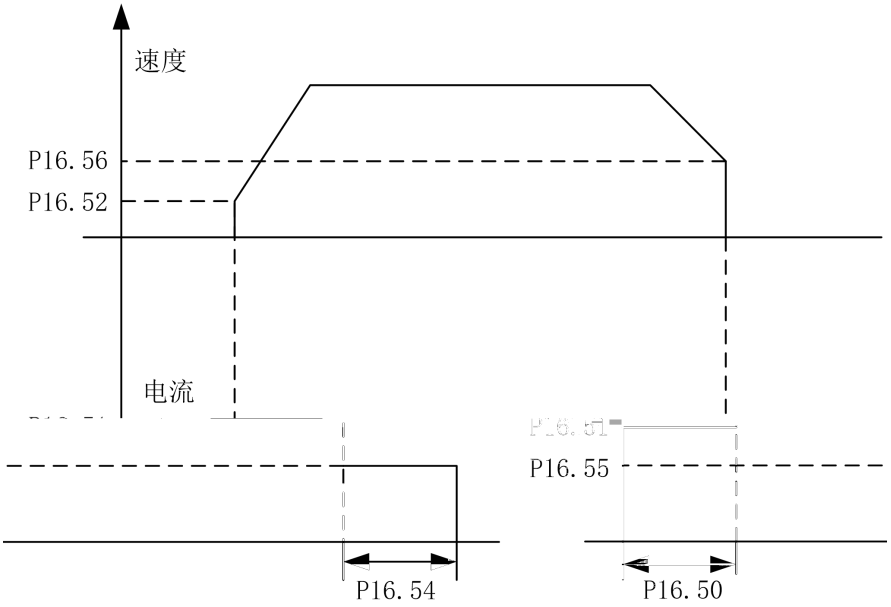

速度
P8.27
P8.25
P8.23
P8.21
P8.17
P8.15
时间
P8.16
P8.18
P8.20
P8.22
P8.24
P8.26
P8.28


速度
P8.46
P8.44
P8.42
P8.40
P8.38
P8.36
P8.34
时间
P8.47
P8.45
P8.43
P8.41
P8.39
P8.37
P8.35
正转
多段速端子1
多段速端子2
多段速端子3

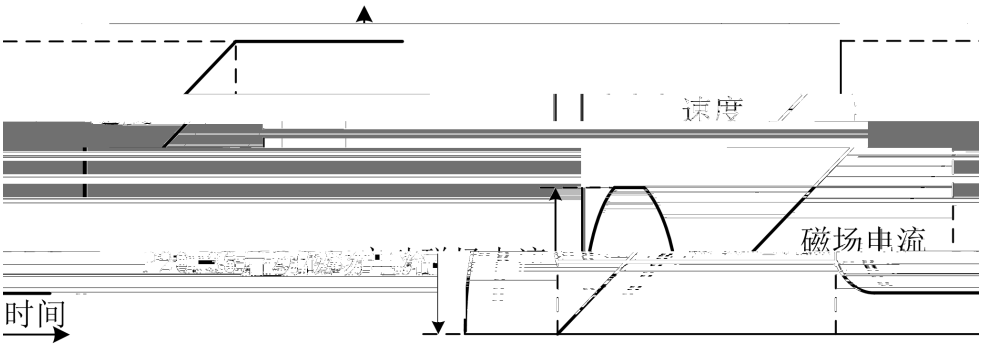

线性或二次幂
多点V/F曲线
V
[1]线性
P16.35 V1
[2]二次幂曲线

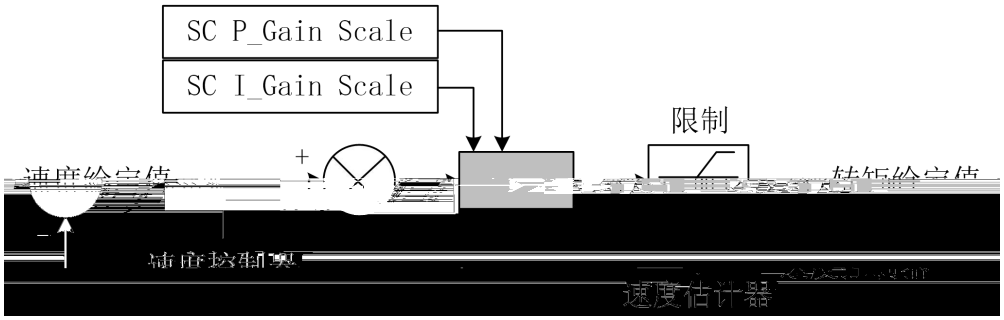

V
电压/频率曲线
P16.27
电压100%对应为电机额定电压
P16.26
0
100%

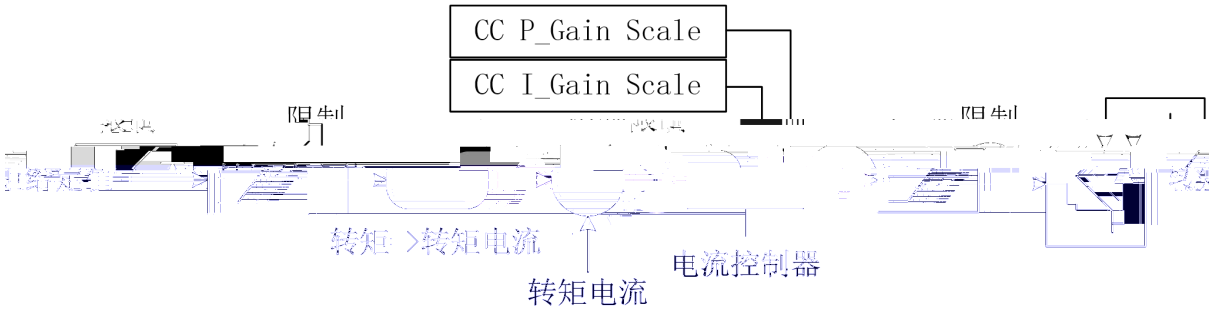

二次幂V/F曲线启动时补偿电压
P16.27
频率100%对应为电机额定频率
P16.30
F
100%
0


速度
P16.56
P16.52
电流
P16.55
P16.54
P16.50

ò 42 P



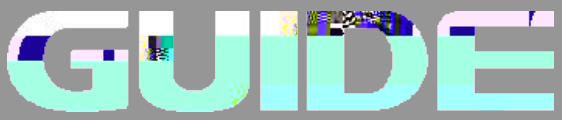

SC P_Gain Scale
SC I_Gain Scale
限制
速度估计器


CC P_Gain Scale
CC I_Gain Scale
转矩 >转矩电流
转矩电流
电流控制器








GUIDE