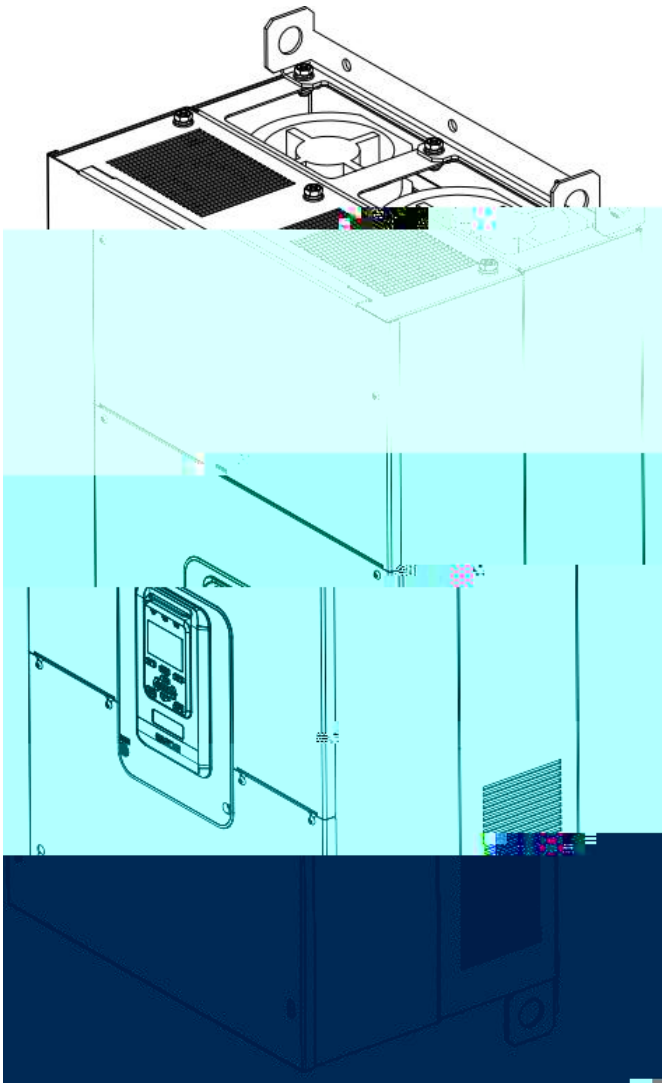
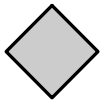
GUIDE



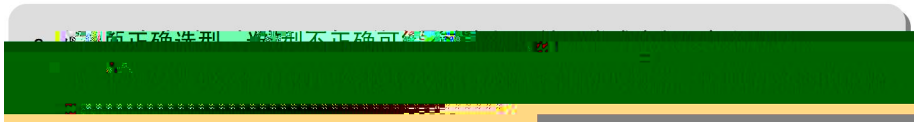
(1)在通电十分钟后或[illegible]

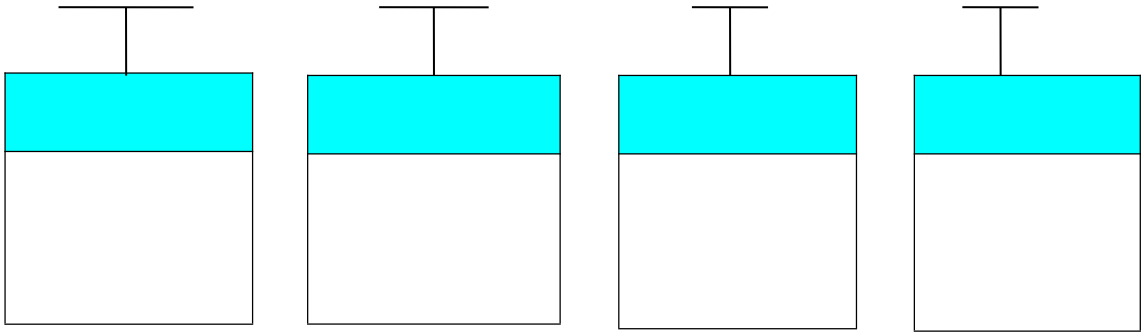
(2)请勿使变频器频繁进行通电和断电操作，断电后五分钟内禁止再次通电；

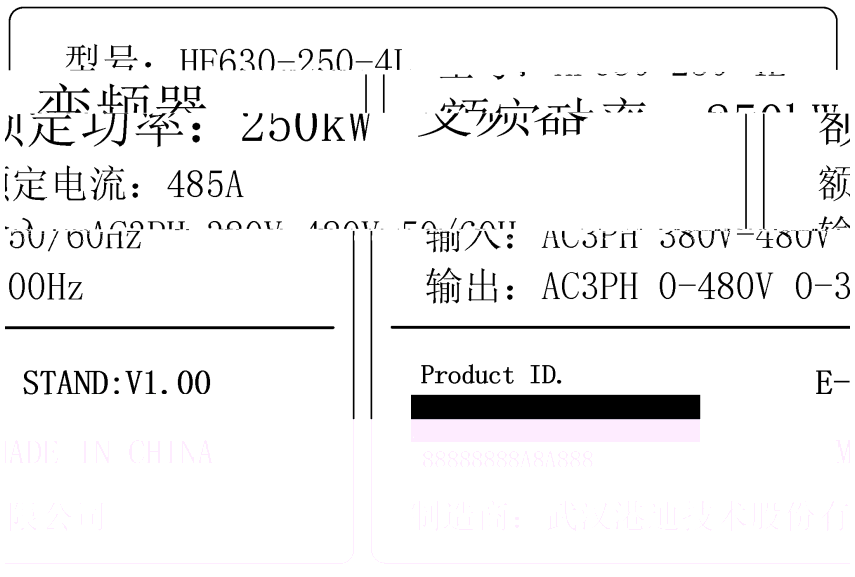


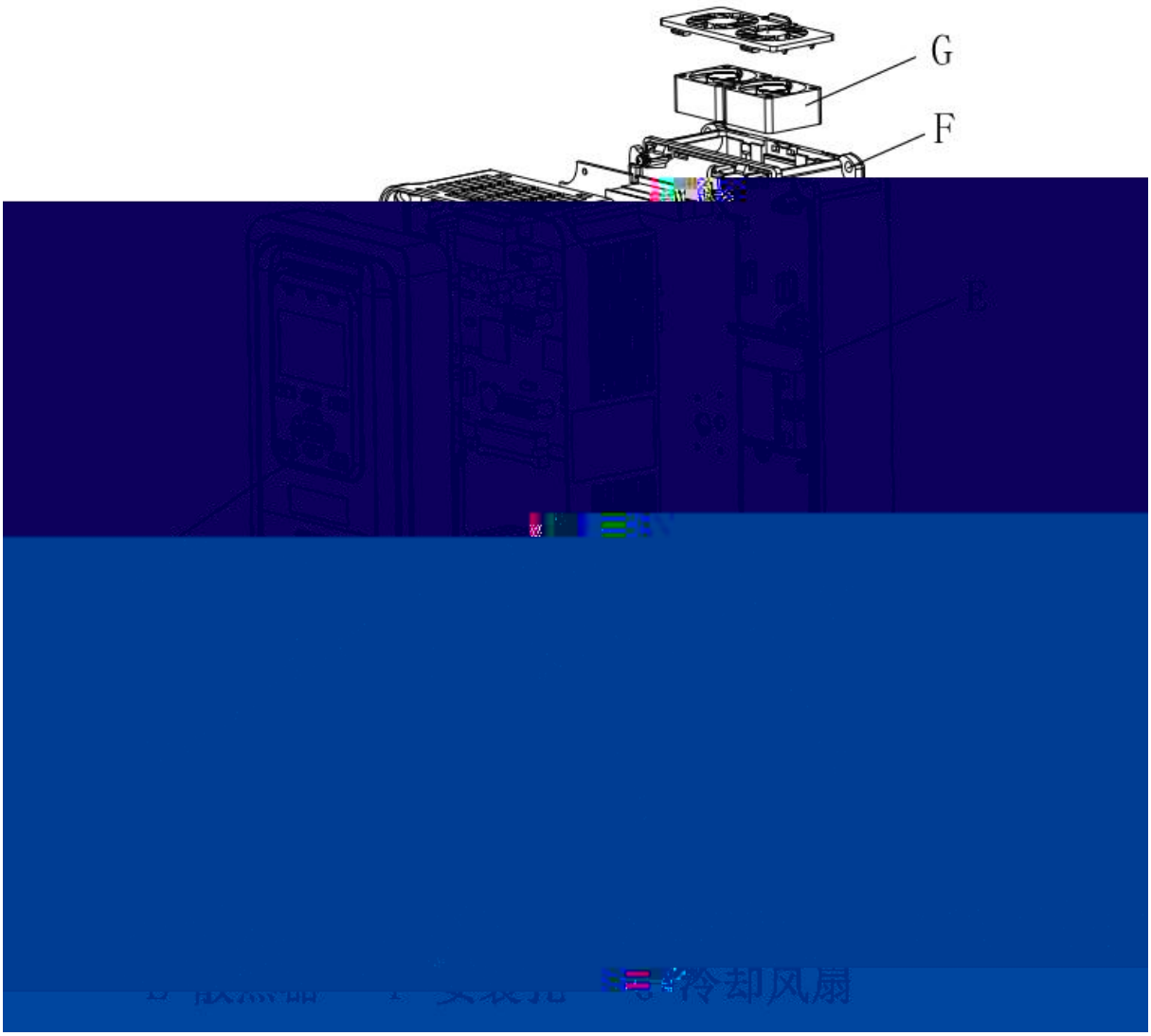
(1)变频器禁止安装在易燃物上；

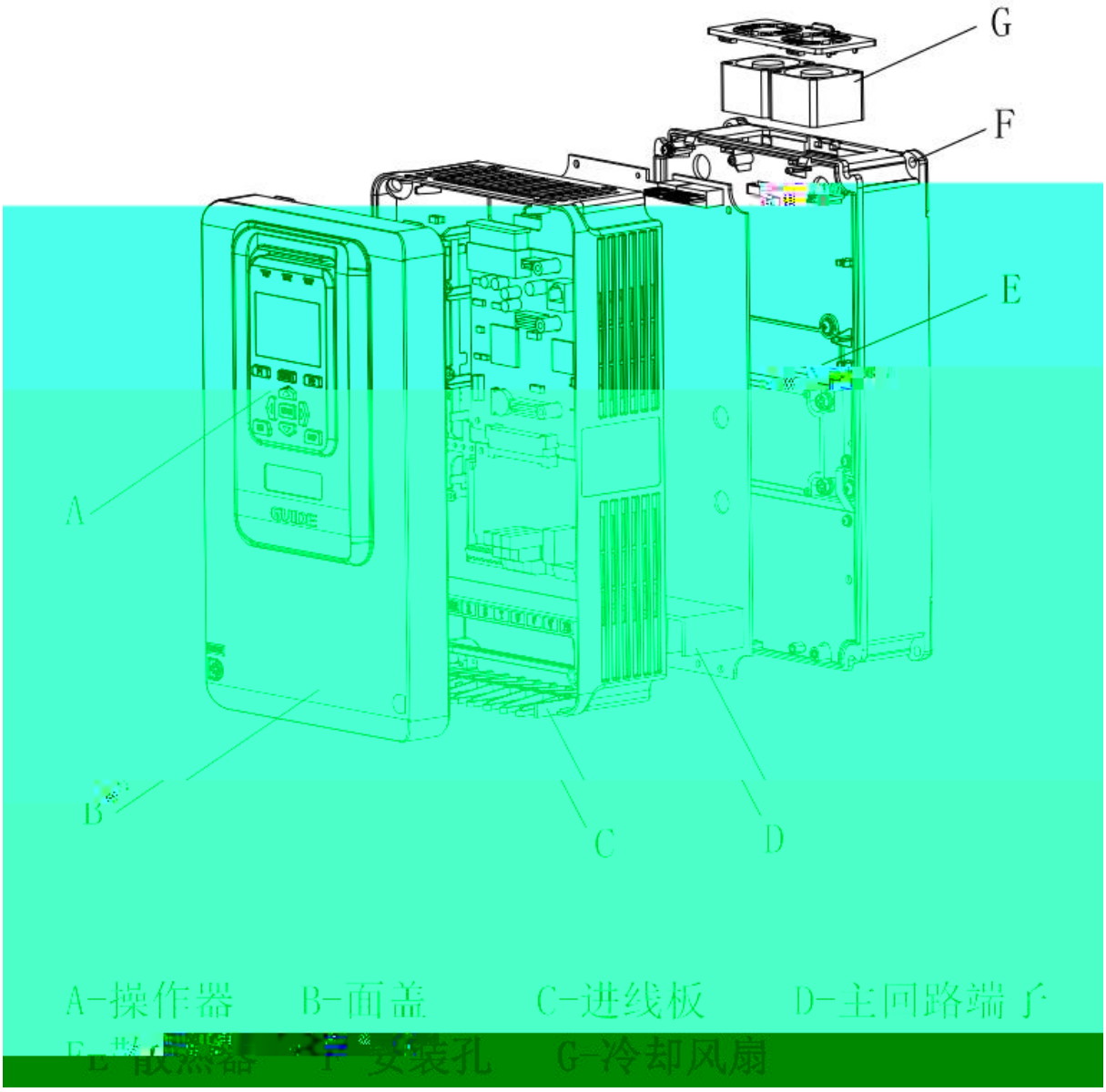
(2)本系列变频器不适用于易燃易爆环境，若有需要，请向厂家订购特种变频器

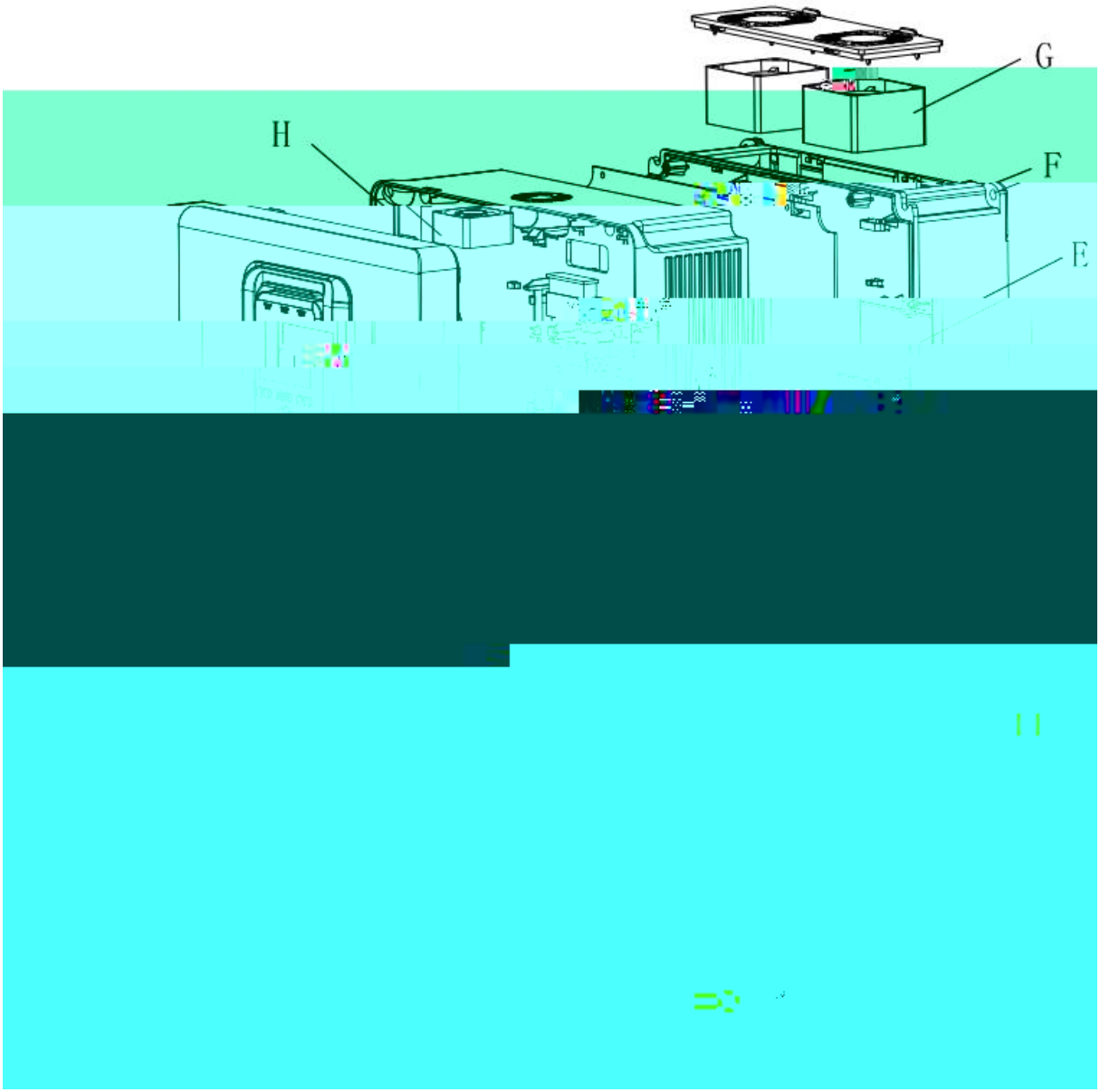


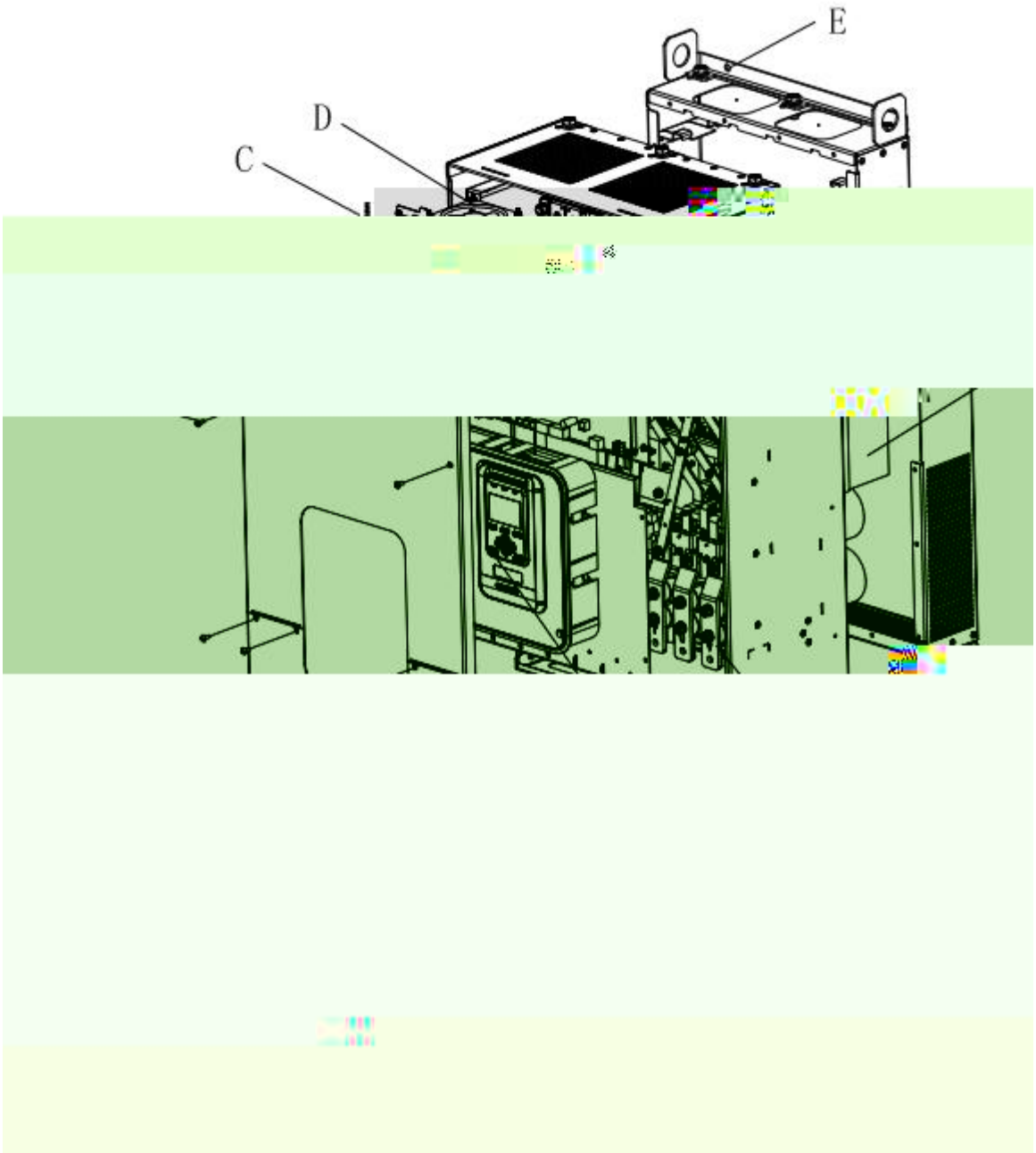


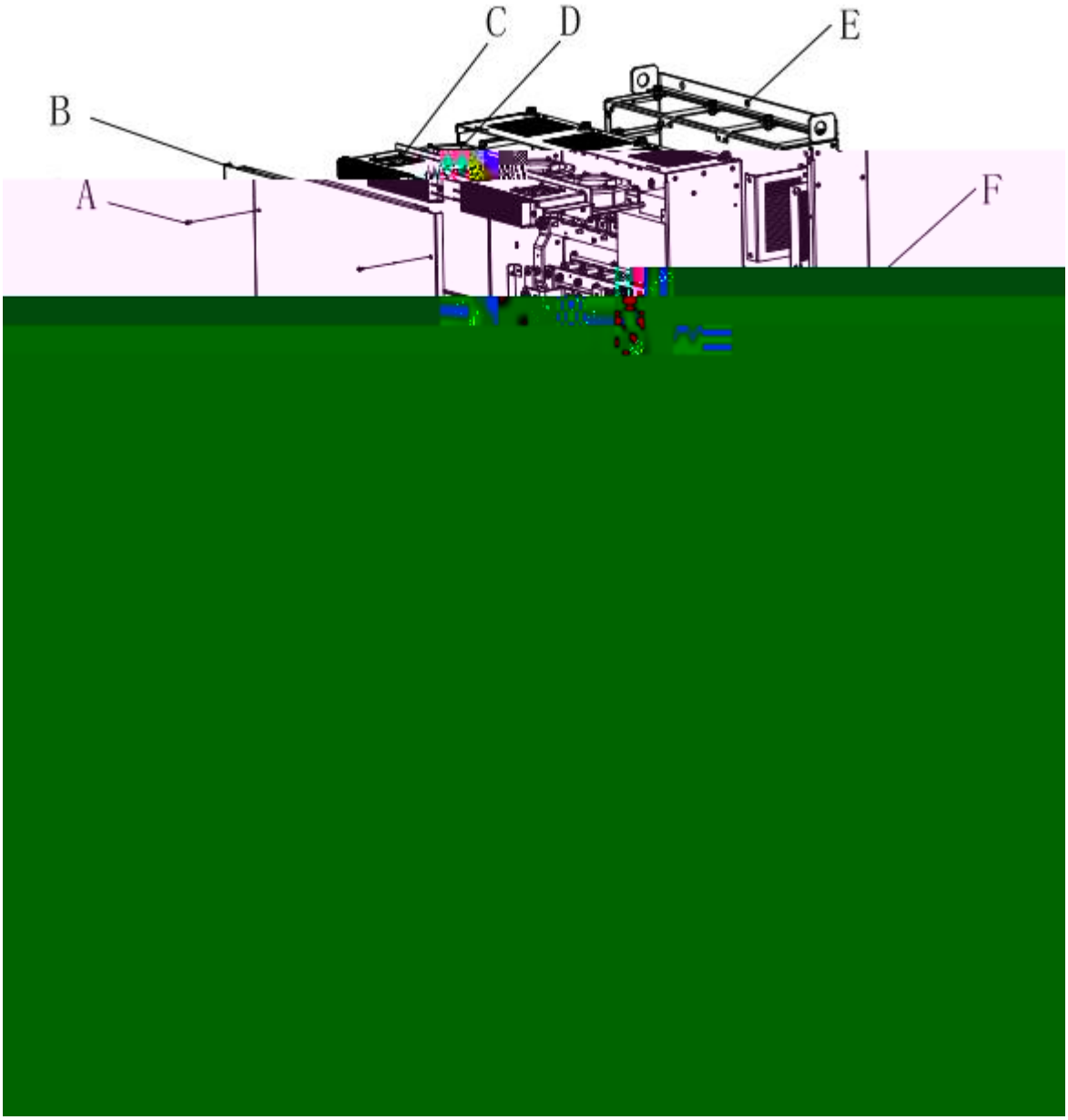

型号：HF630-250-4I
变频器
定功率：250KW
定电流：485A
输入：AC3PH 380V-480V
输出：AC3PH 0-480V 0-3
00Hz
STAND:V1.00
Product ID.
E-

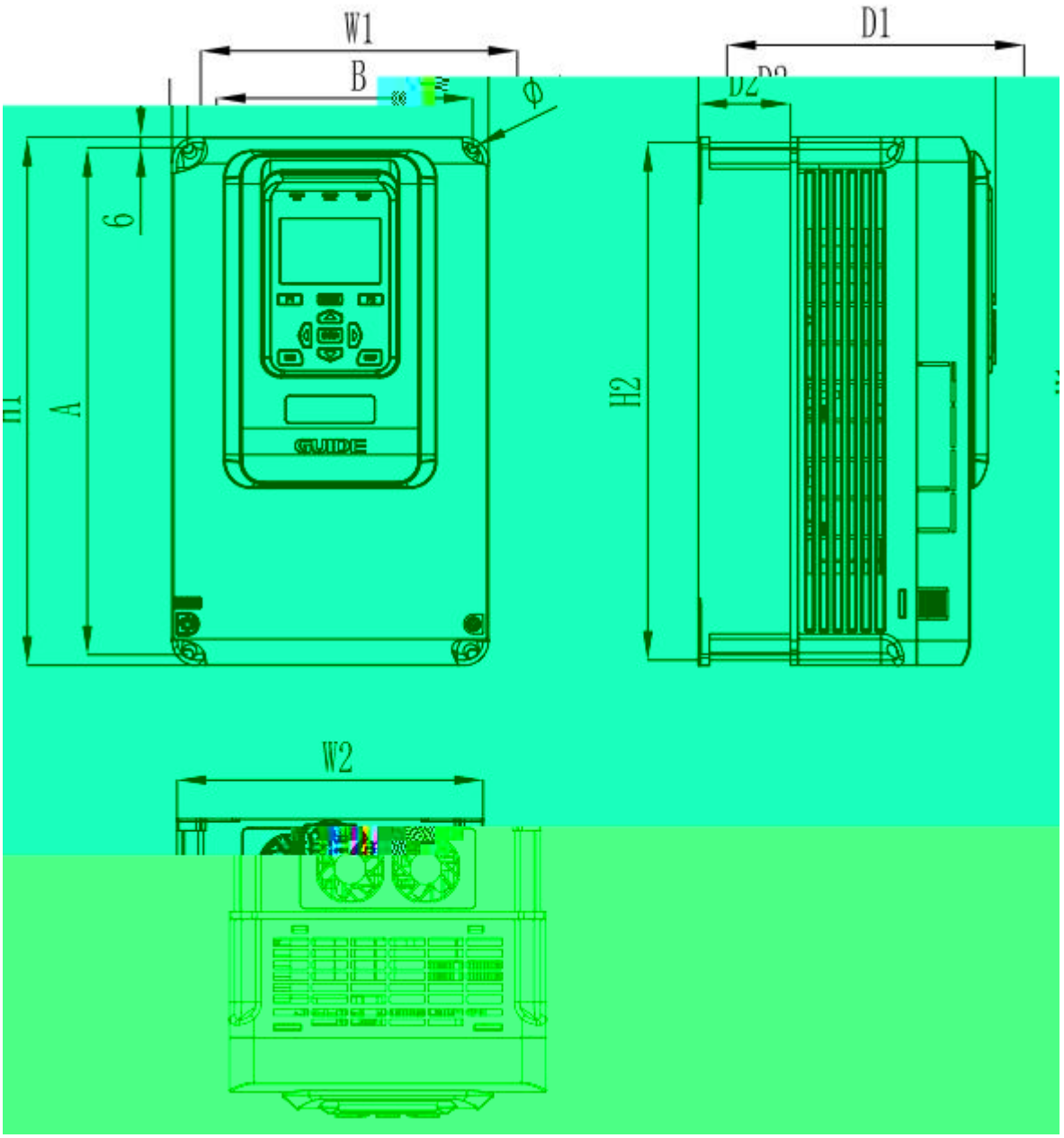

G
F
B
冷却风扇

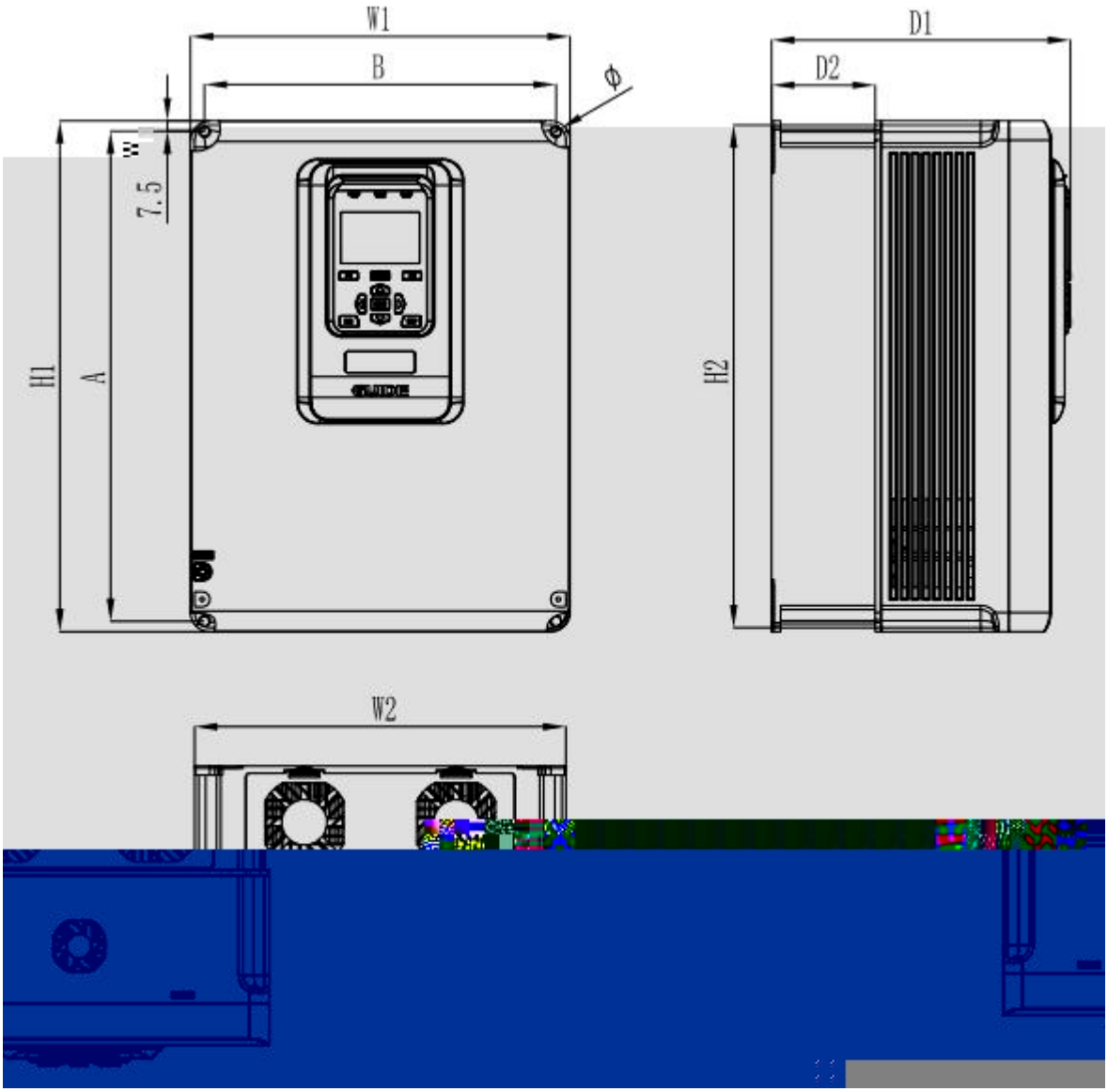

G
F
E
A
B
C
D
A-操作器
B-面盖
C-进线板
D-主回路端子
E-散热器
F-安装孔
G-冷却风扇

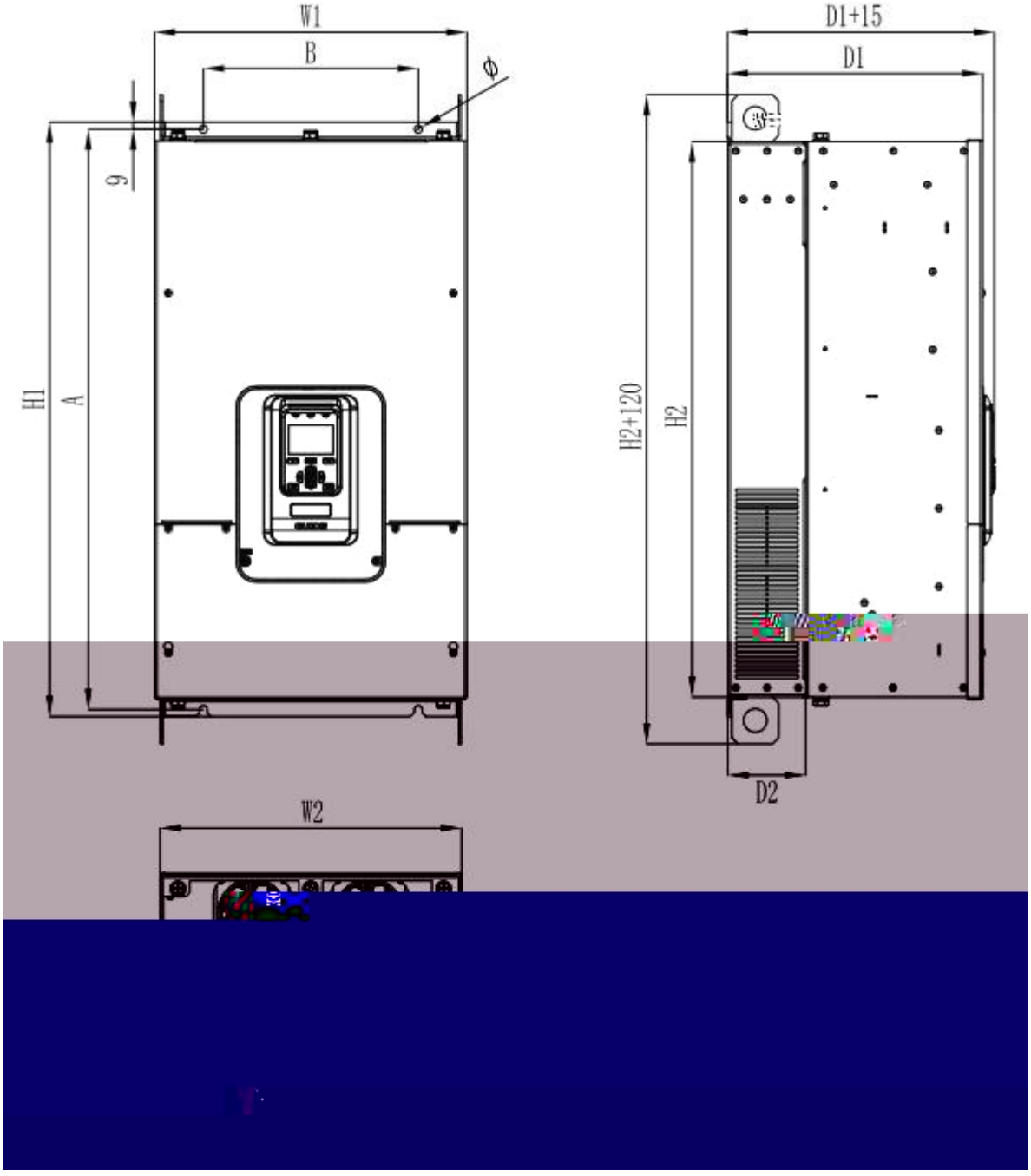

G
H
F
E

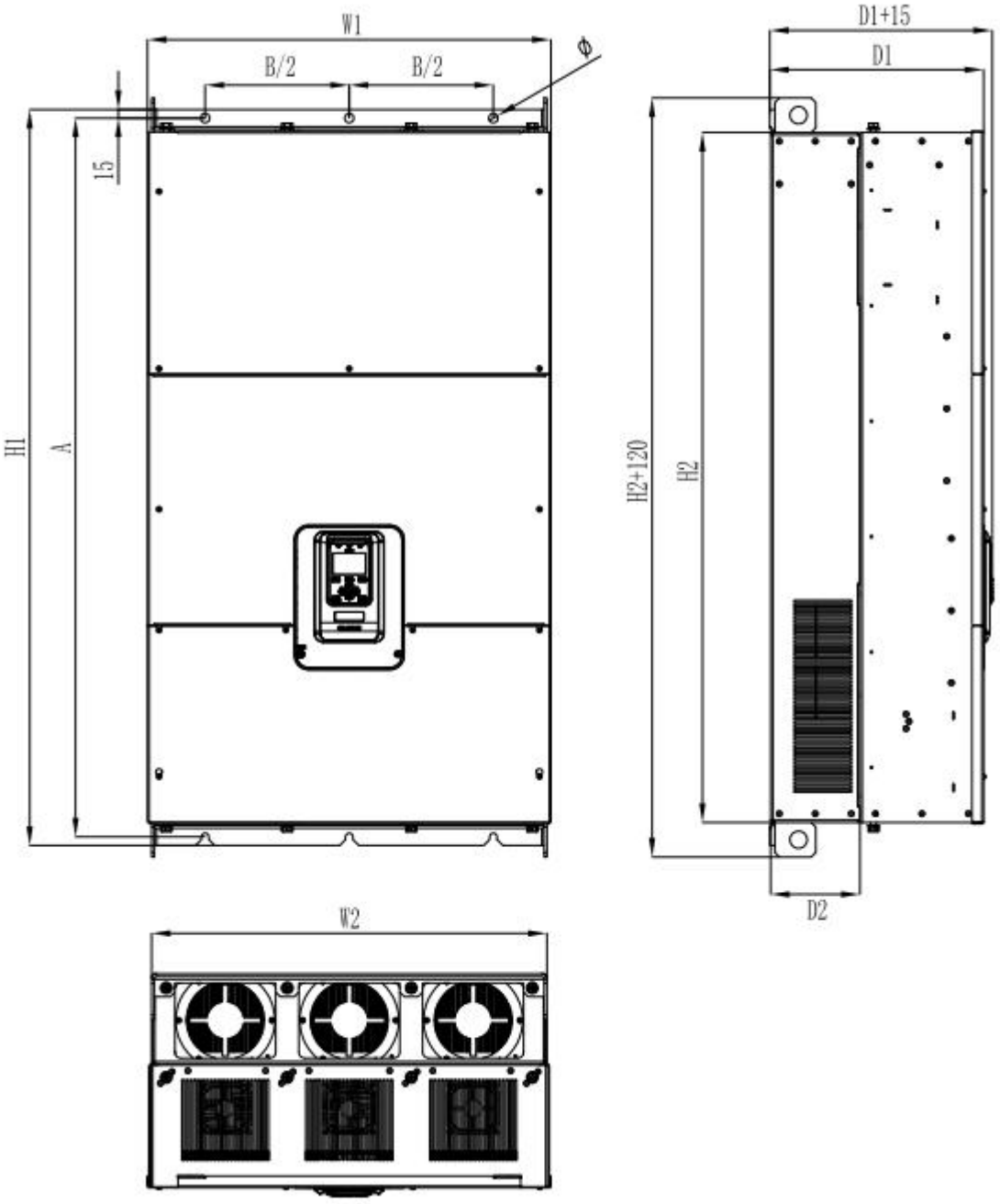

E
D
C

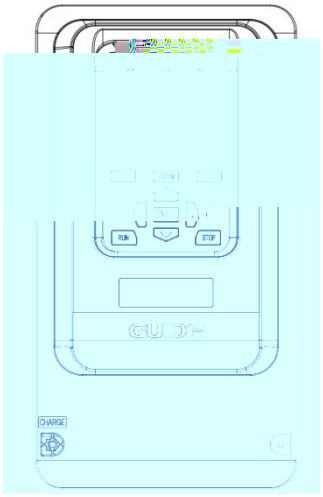

C
D
E
B
A
F

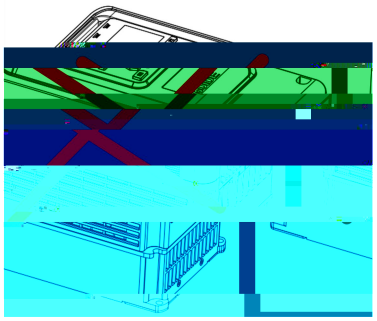

W1
B
D1
D2
H1
A
6
H2
GUIDE
W2

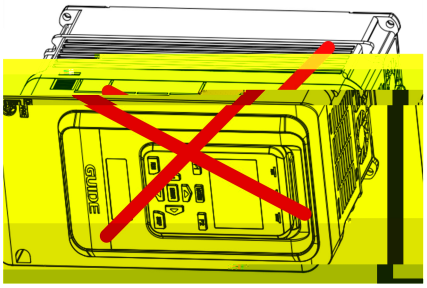

W1
B
Φ
D1
D2
7.5
H1
A
H2
W2

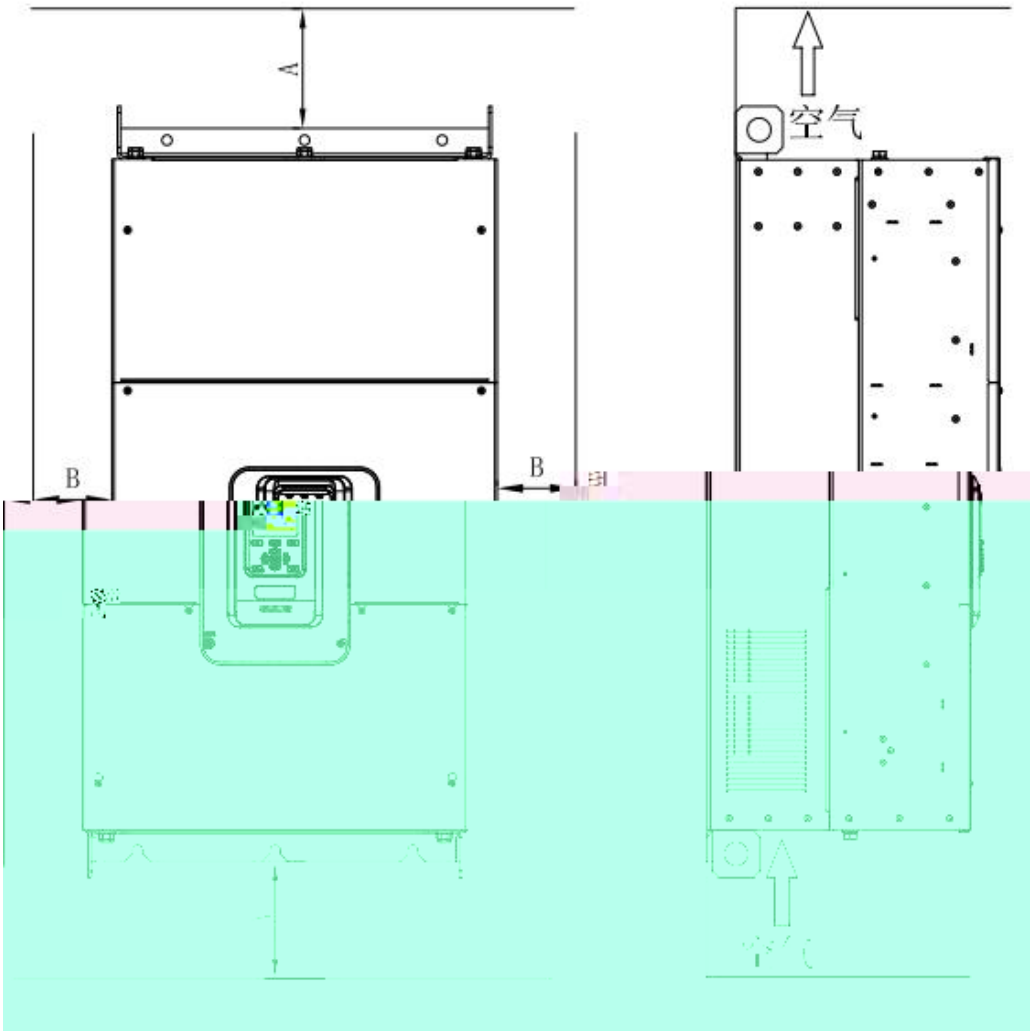

W1
B
Φ
9
H1
A
D1+15
D1
H2+120
H2
D2
W2

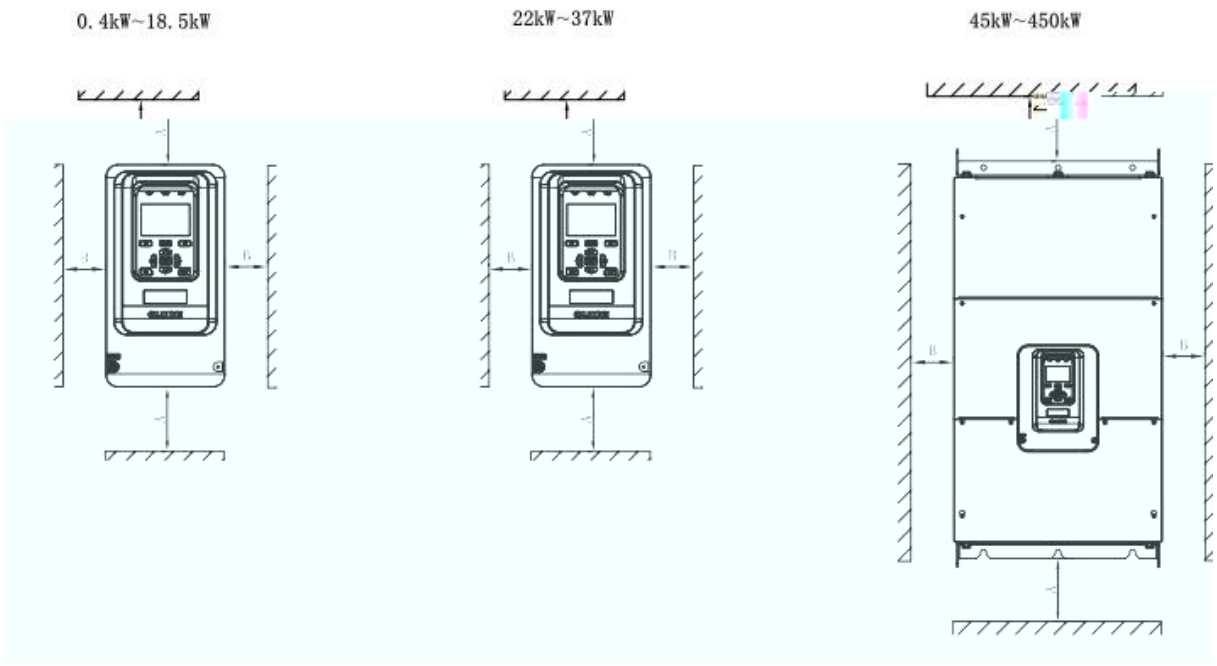

W1
B/2
B/2
Φ
15
H1
A
D1+15
D1
H2+120
H2
D2
W2

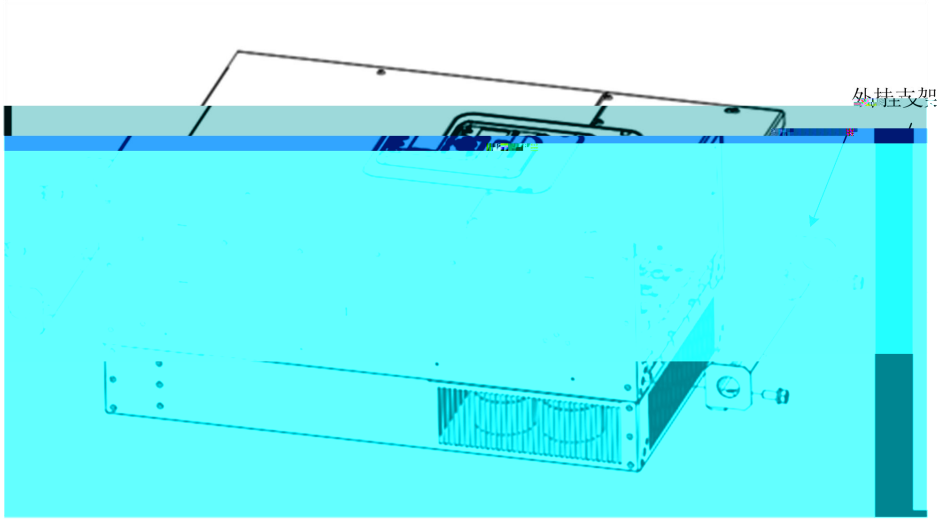

RUN
STOP
CHARGE

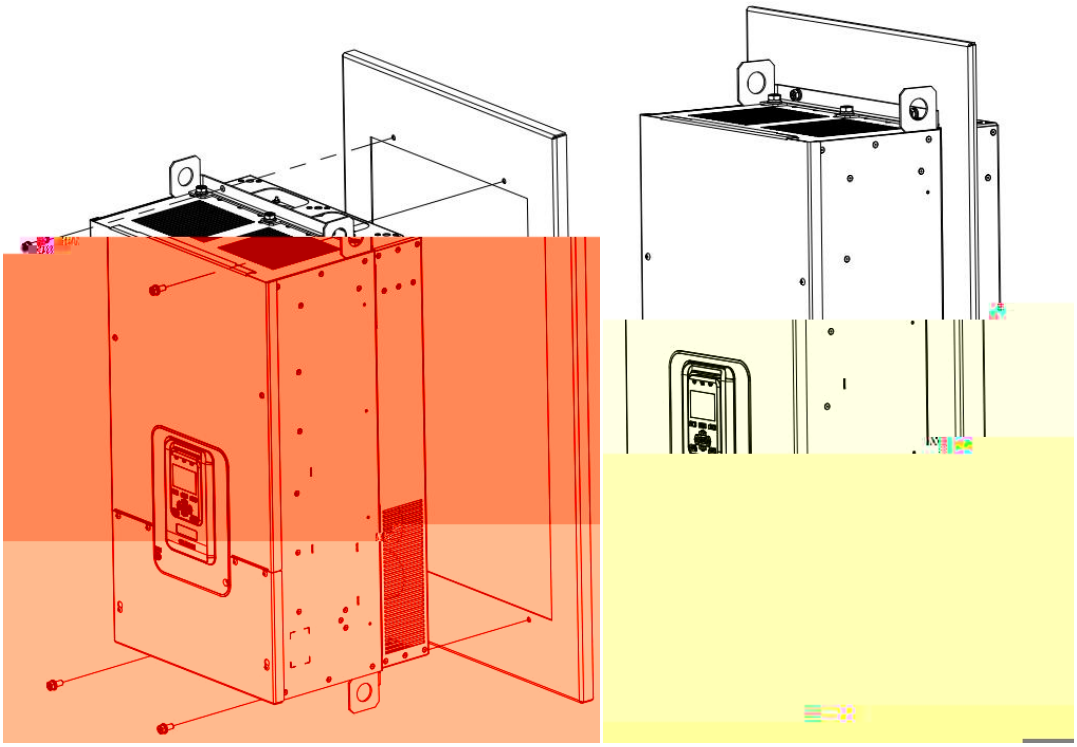


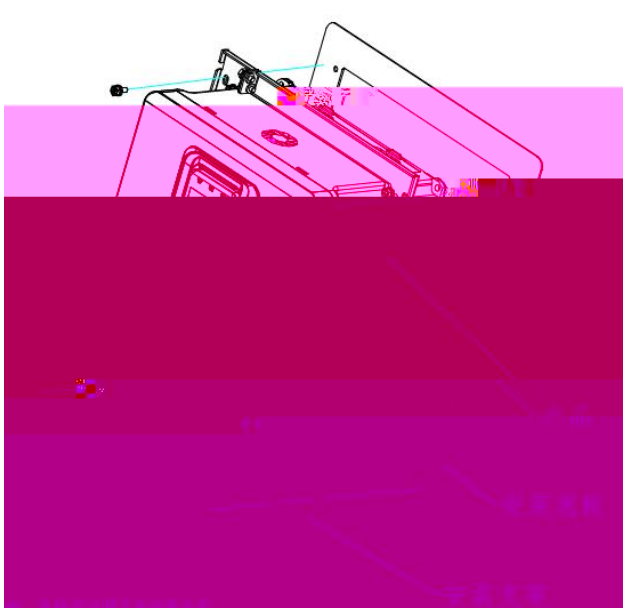

GUIDE

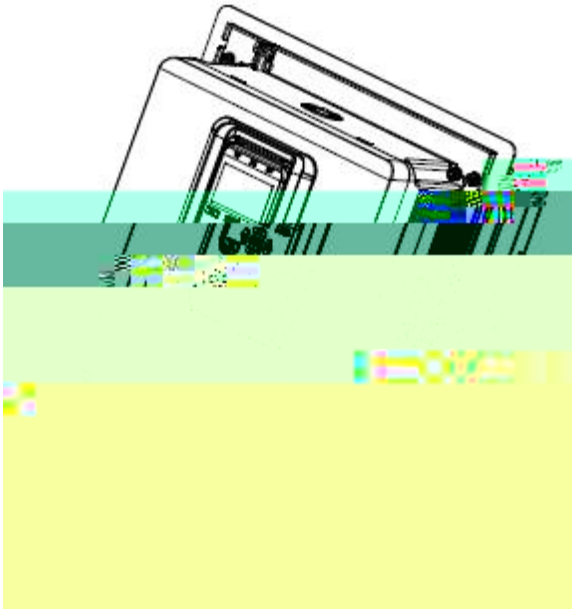

A
B
B
空气

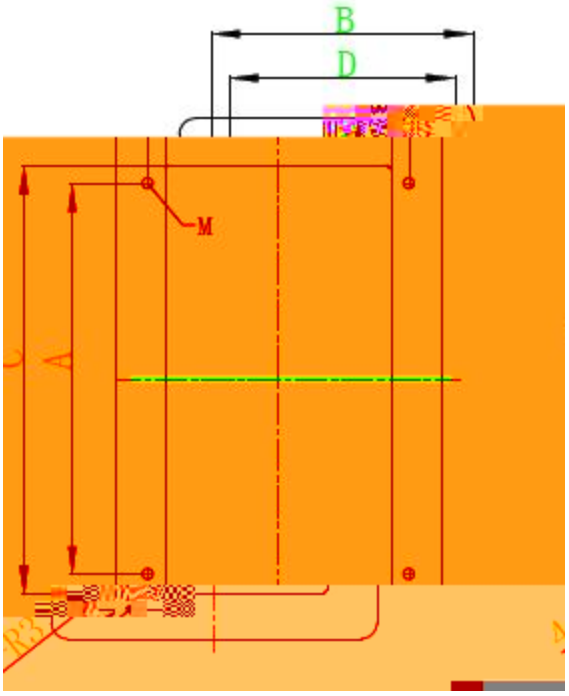

0.4kW~18.5kW
22kW~37kW
45kW~450kW

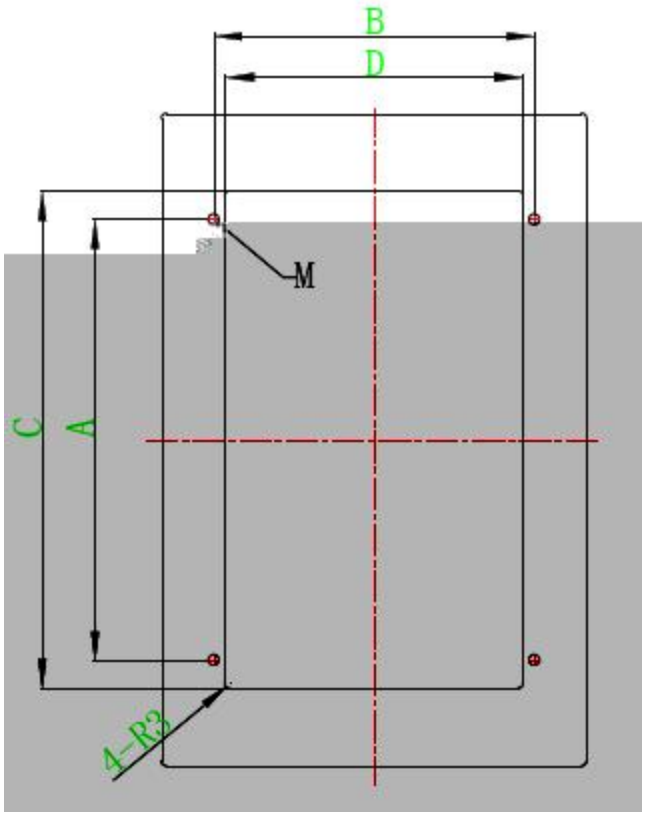

外挂支架

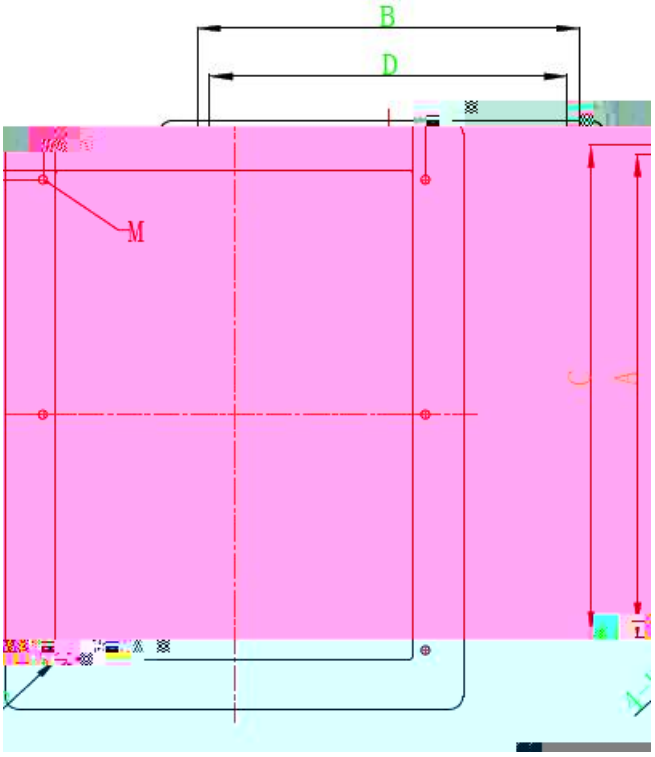


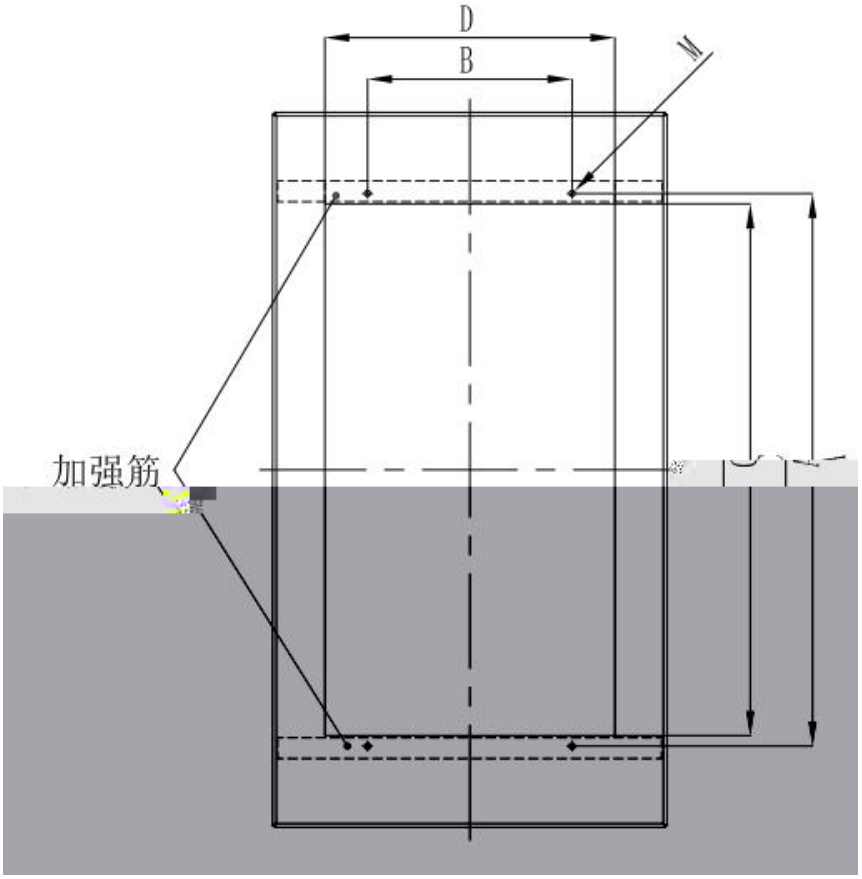


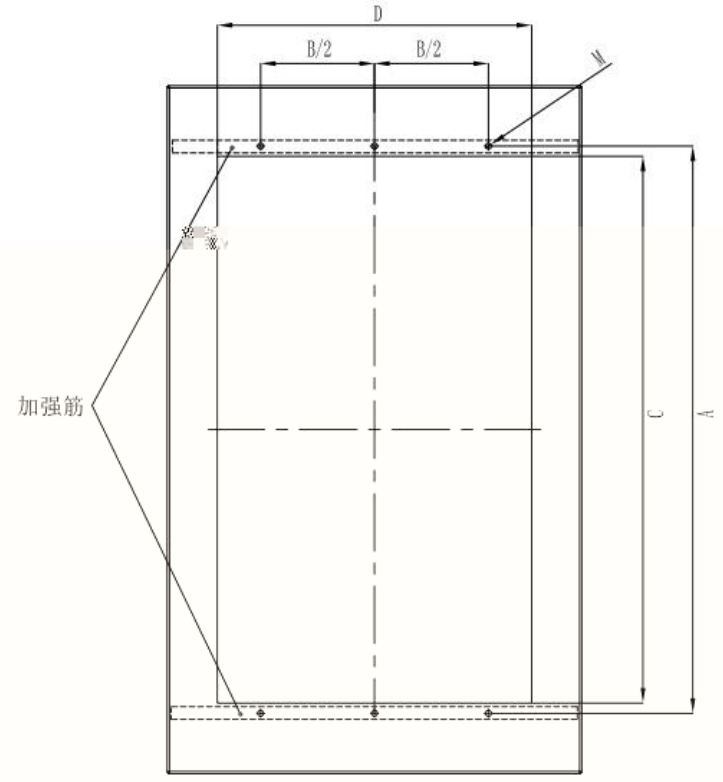


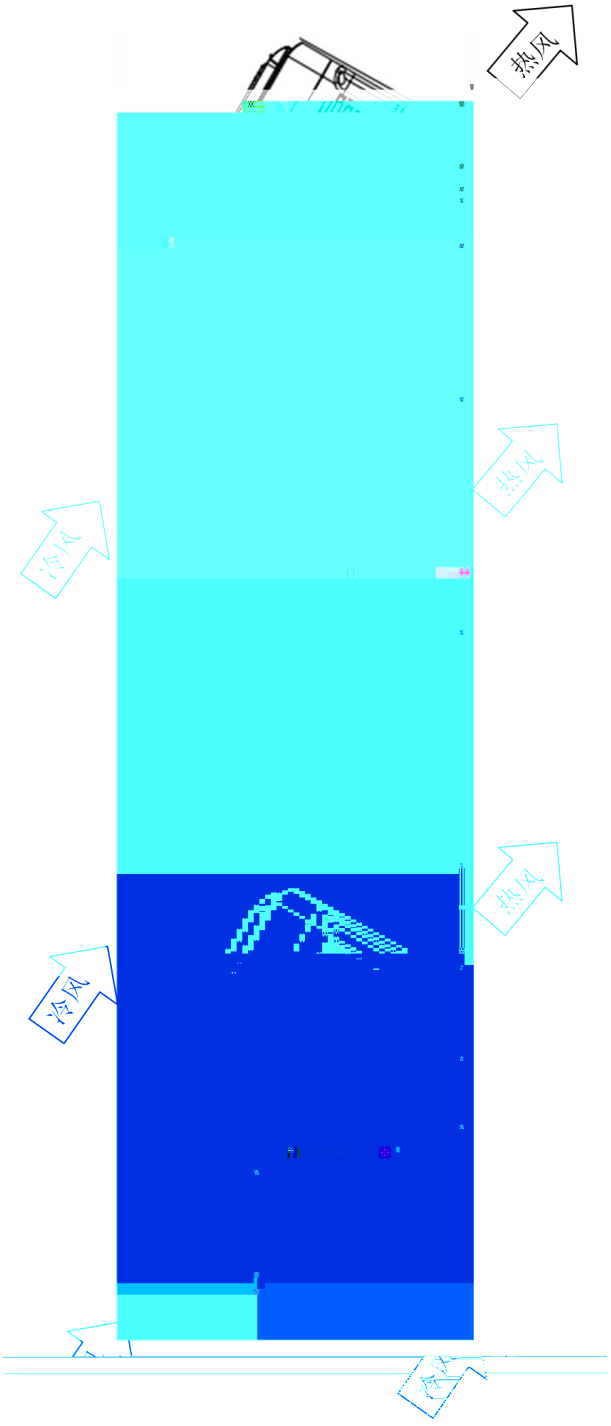

B
D
M
A

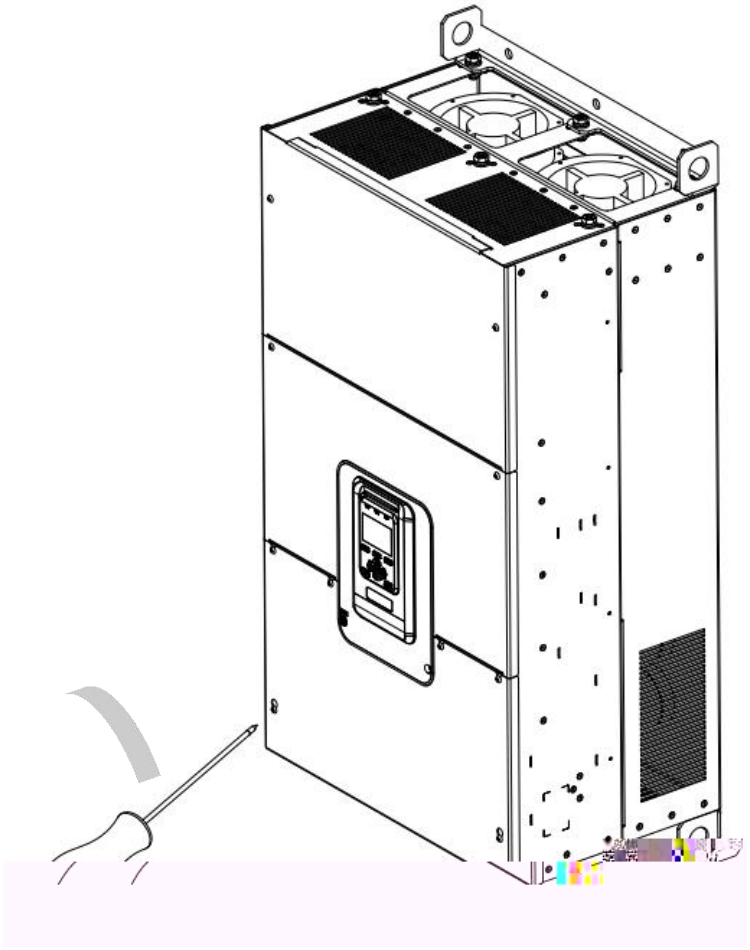

B
D
M
C
A
4-R3

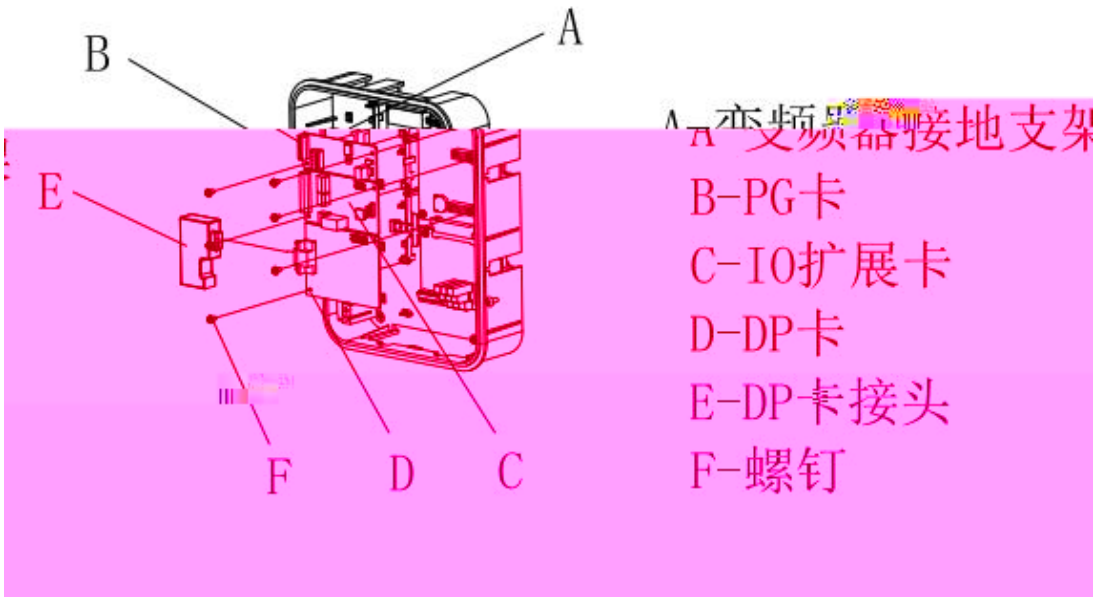

B
D
M

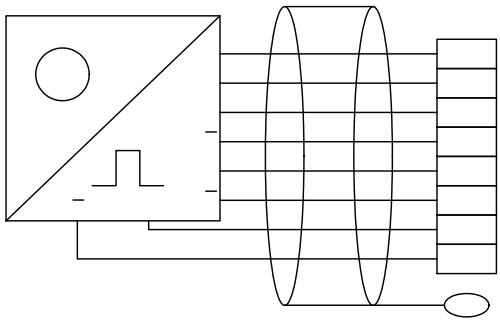

D
B
加强筋

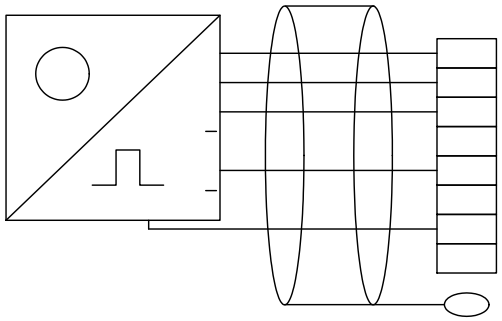

D
B/2
B/2
加强筋
C
A

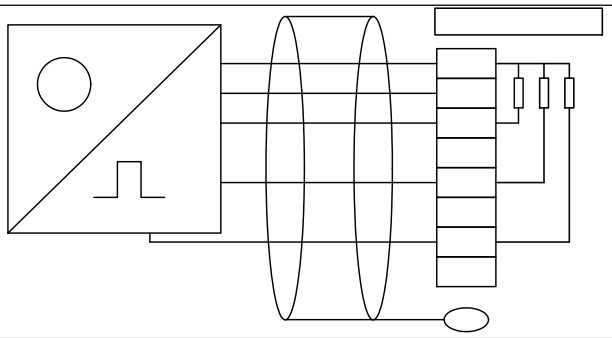

热风
热风
冷风
热风
冷风
冷风

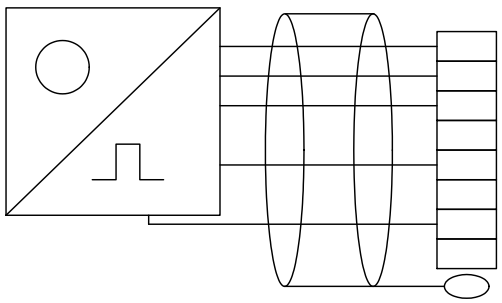


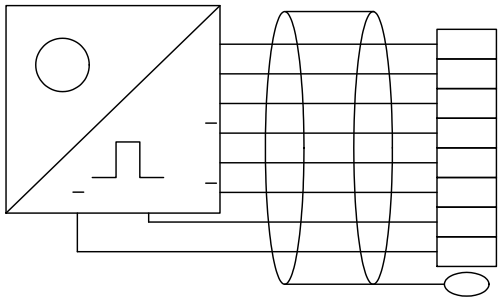

A
B
E
F
D
C
A-变频器接地支架
B-PG卡
C-IO扩展卡
D-DP卡
E-DP卡接头
F-螺钉

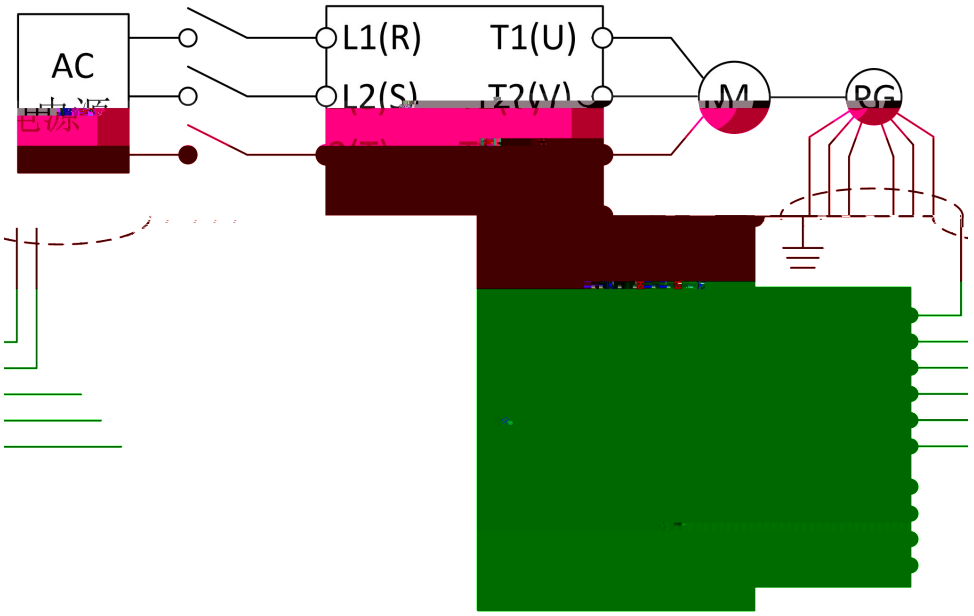
	

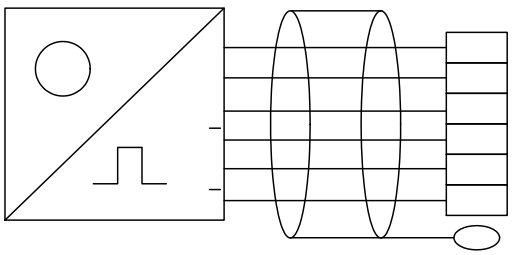
		

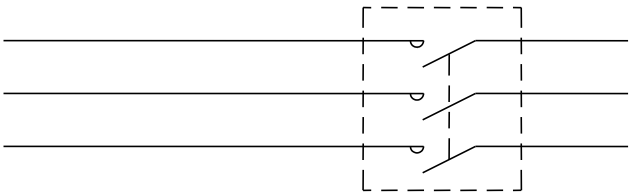
		

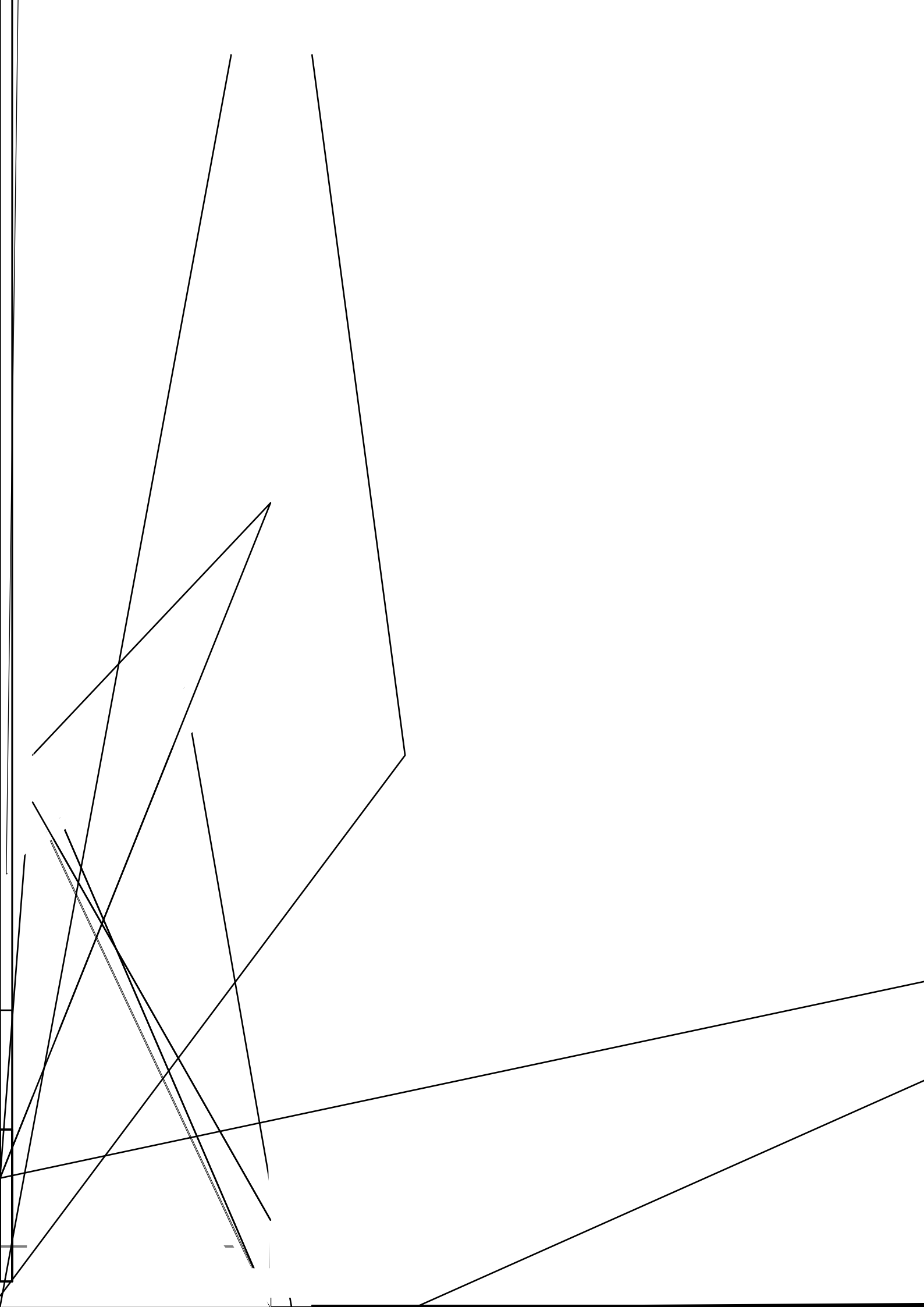
		

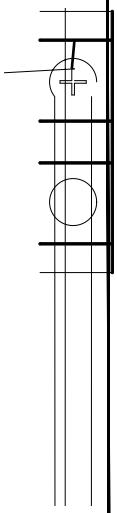
		

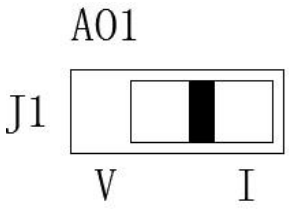

AC
L1(R)
T1(U)
M
PG

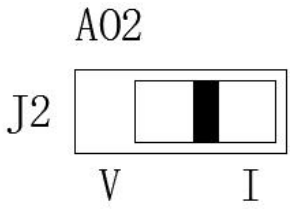
		

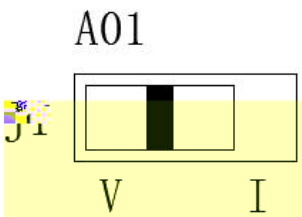

M

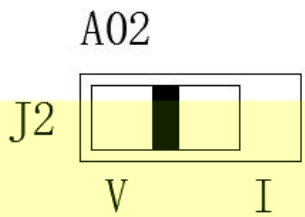


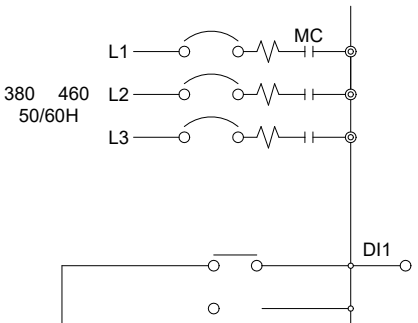


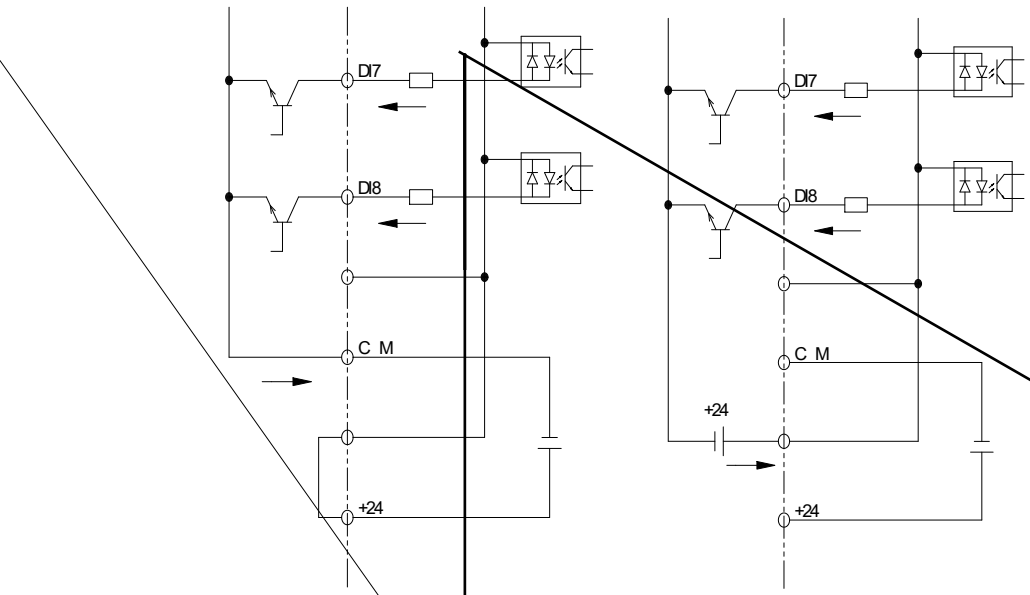

A01
J1
V
I

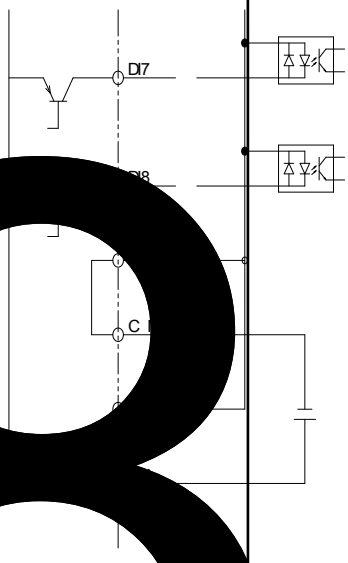

A02
J2
V
I


A01
J1
V
I


A02
J2
V
I


MC
L1
380 460
50/60H
L2
L3
DI1





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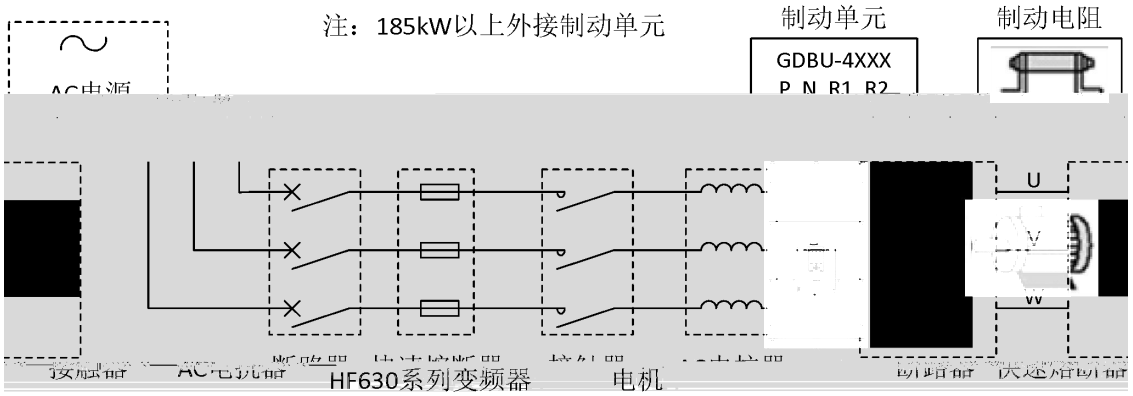
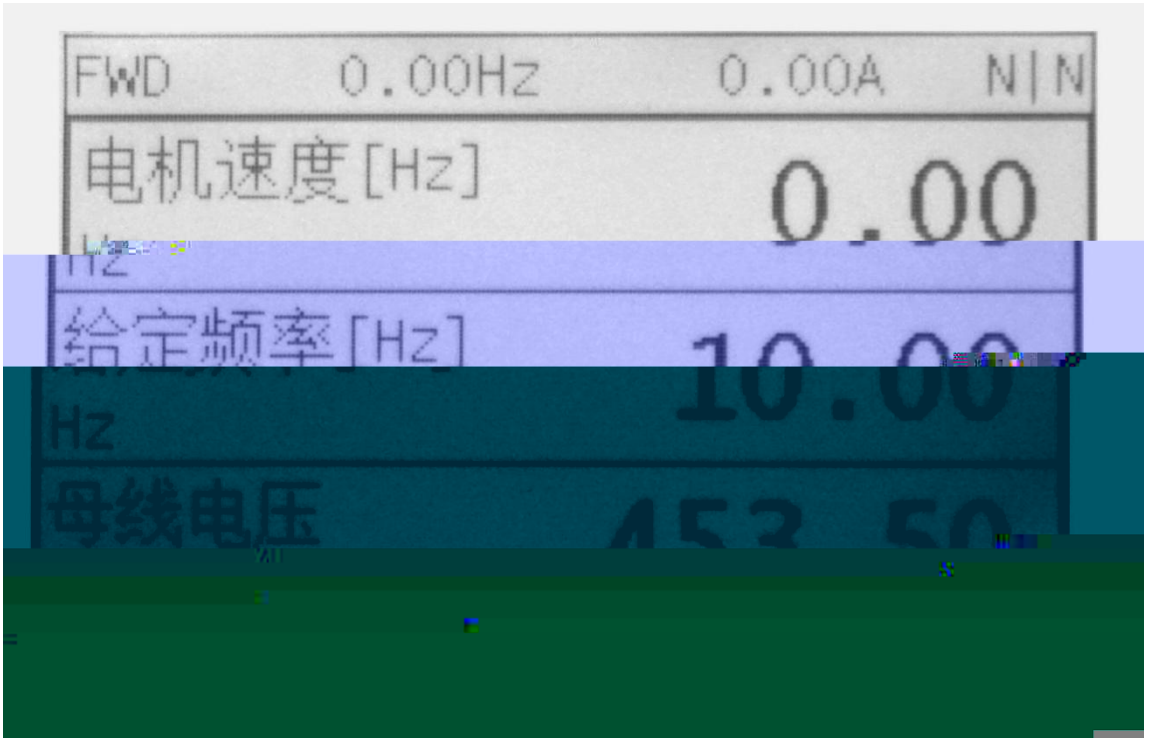
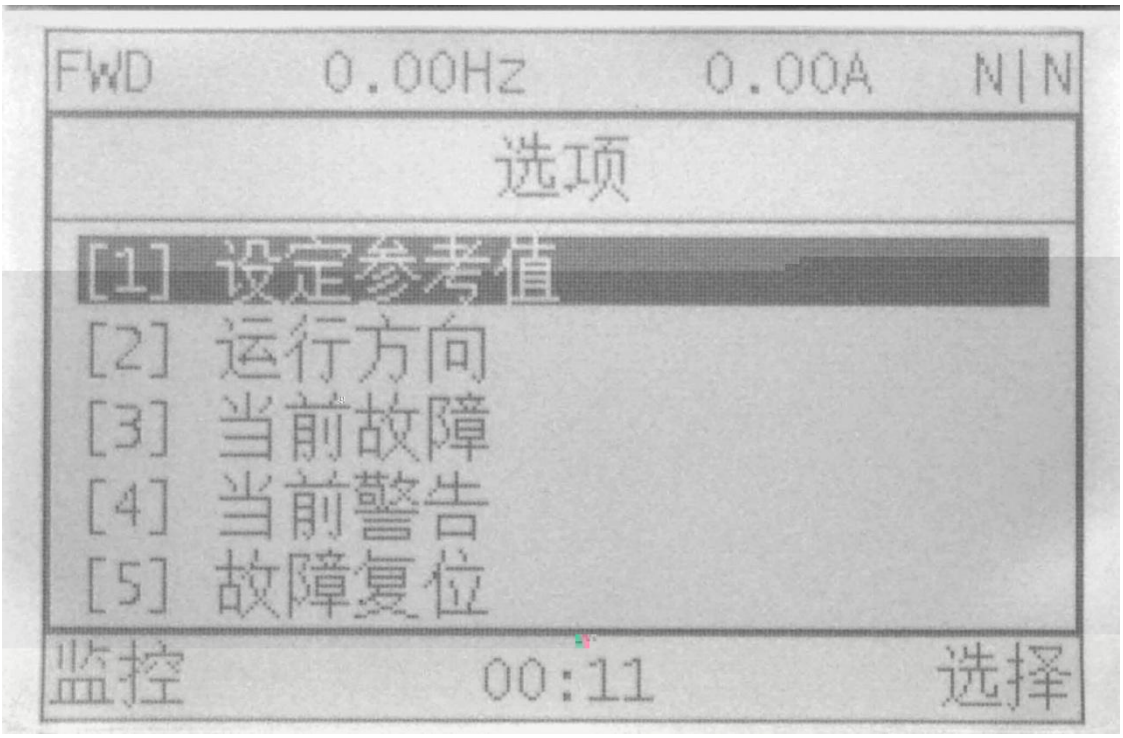
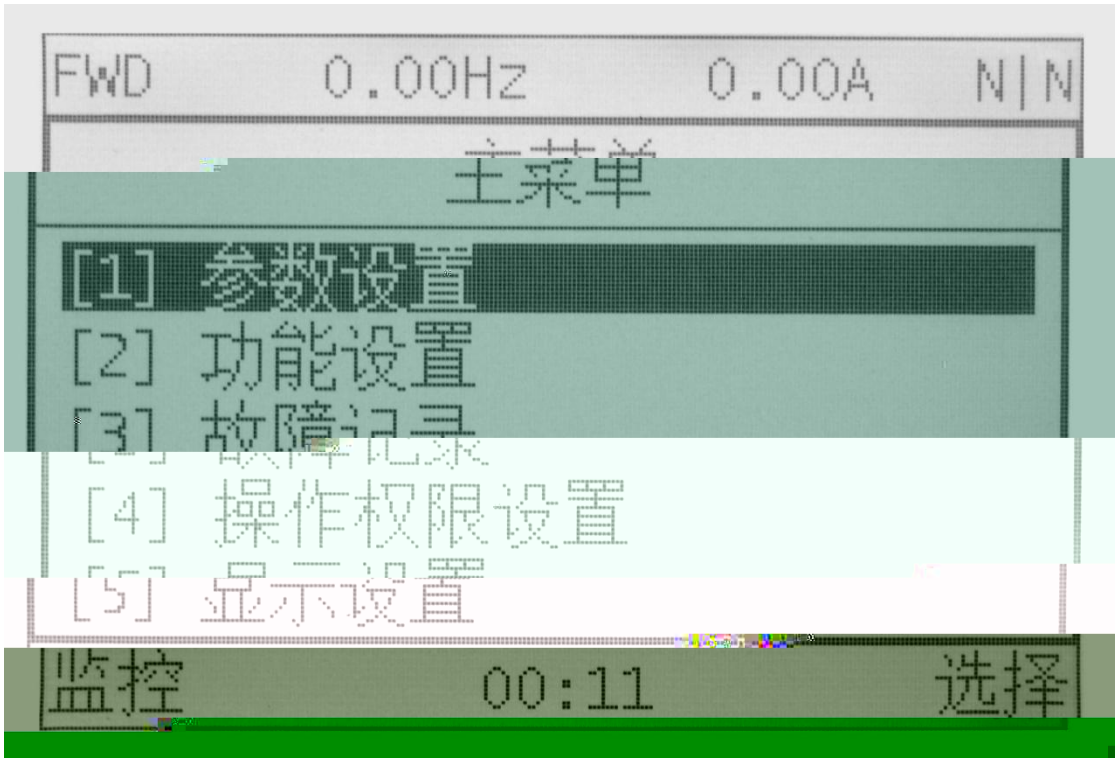
GUIDE

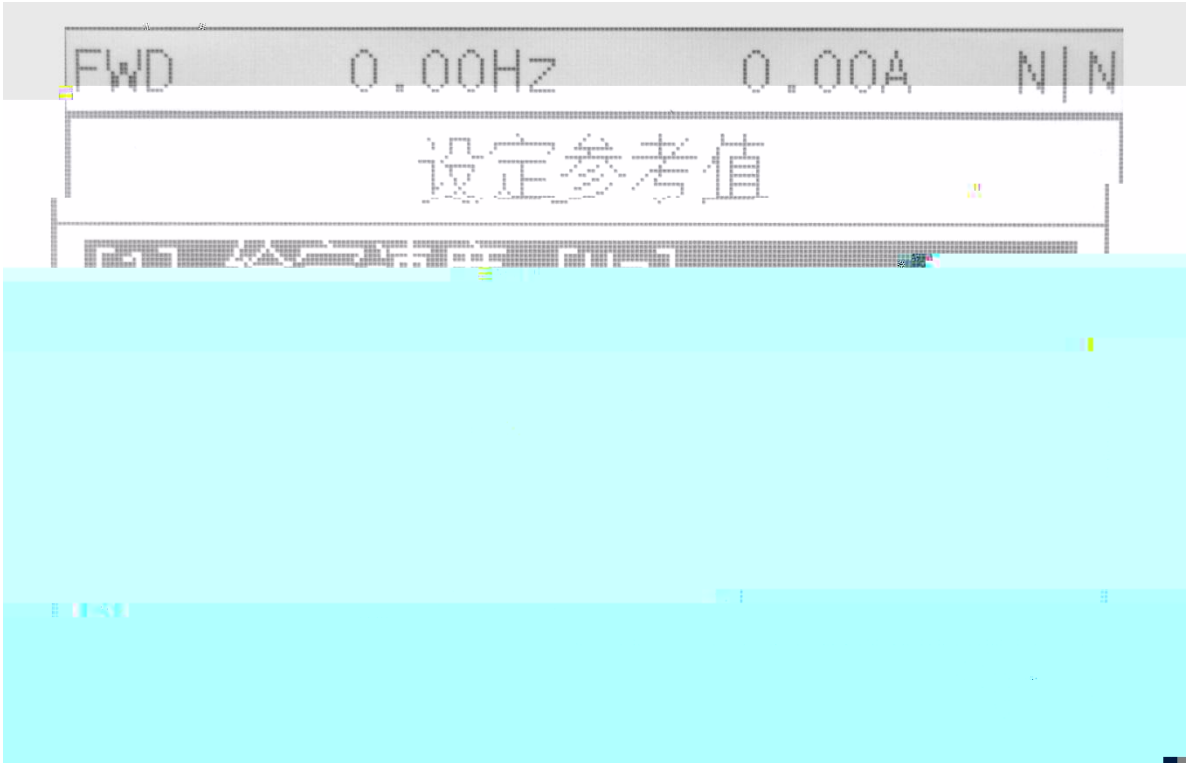

注：185kW以上外接制动单元
制动单元
GDBU-4XXX
制动电阻
U
V
W
HF630系列变频器
电机

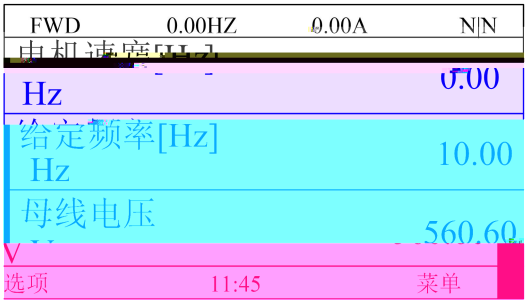
RUN
LOCAL
FAULT
F1
LOC/REM
F2
ENTER
RUN
STOP


FWD
0.00Hz
0.00A
N|N
电机速度[Hz]
0.00
Hz
给定频率[Hz]
10.00
Hz
母线电压

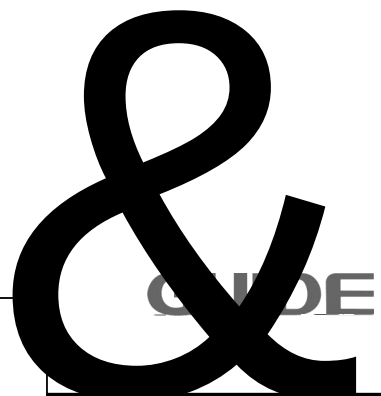

FWD
0.00Hz
0.00A
N|N
选项
[1] 设定参考值
[2] 运行方向
[3] 当前故障
[4] 当前警告
[5] 故障复位
监控
00:11
选择


FWD 0.00Hz 0.00A N|N
主菜单
[1] 参数设置
[2] 功能设置
[3] 故障记录
[4] 操作权限设置
[5] 显示设置
监控 00:11 选择


FWD 0.00Hz 0.00A N|N
设定参考值


FWD
0.00HZ
0.00A
N|N
Hz
0.00
给定频率[Hz]
Hz
10.00
母线电压
V
560.60
选项
11:45
菜单

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



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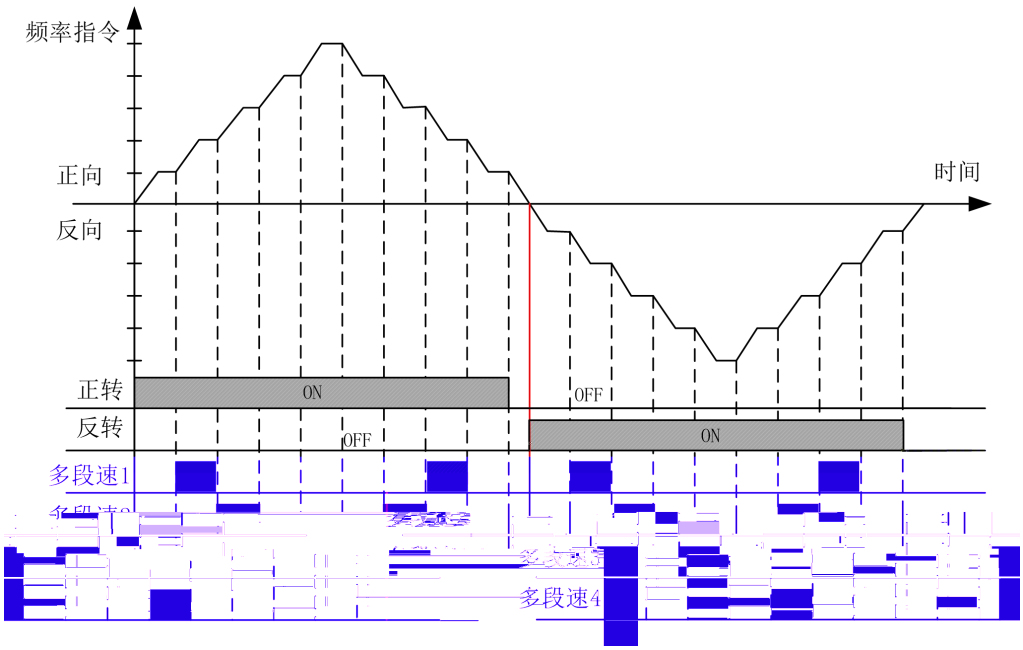
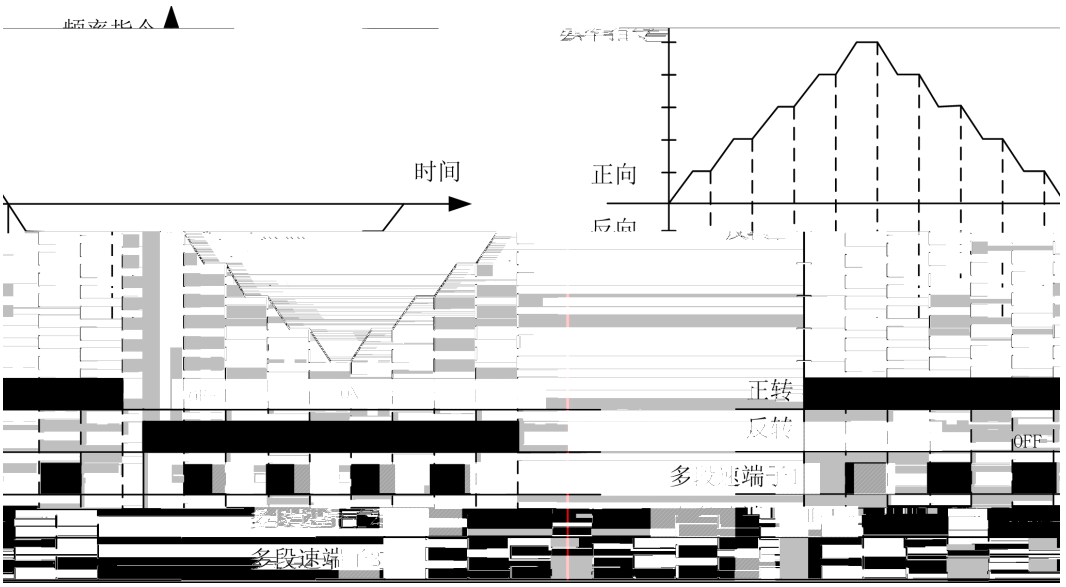
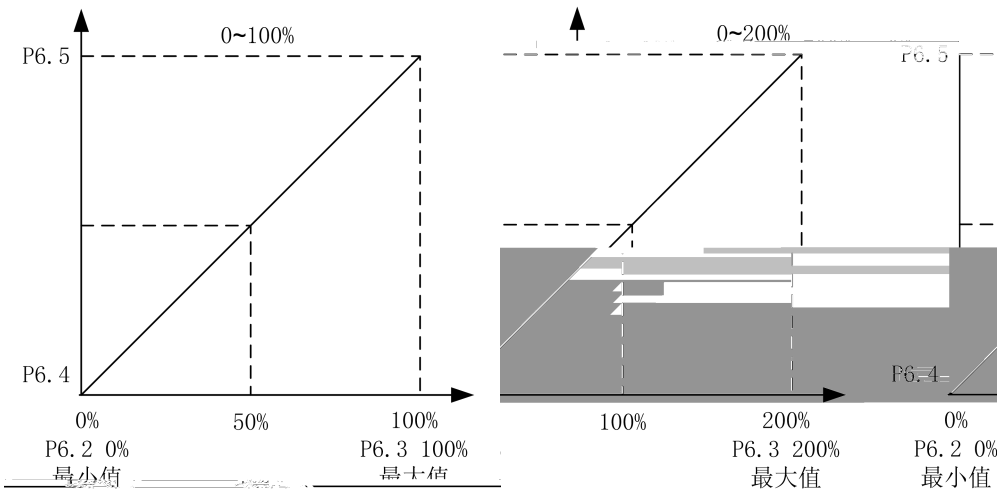
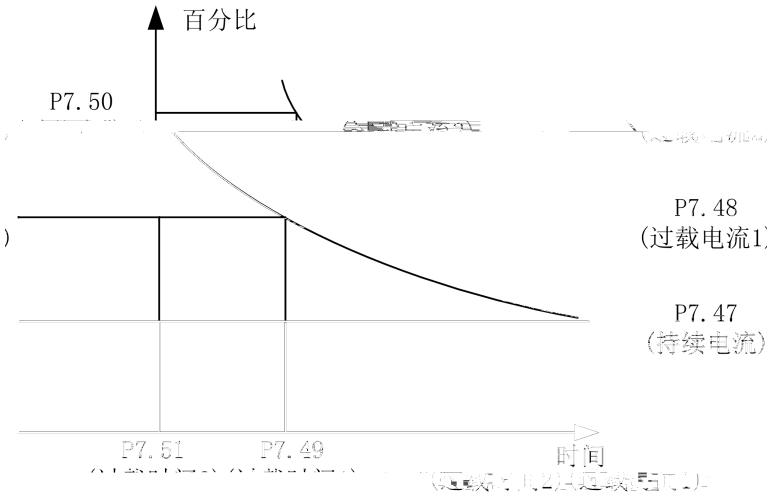

频率指令
正向
反向
时间
正转
反转
ON
OFF
OFF
ON
多段速1
多段速4


时间
正向
正转
反转
OFF


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

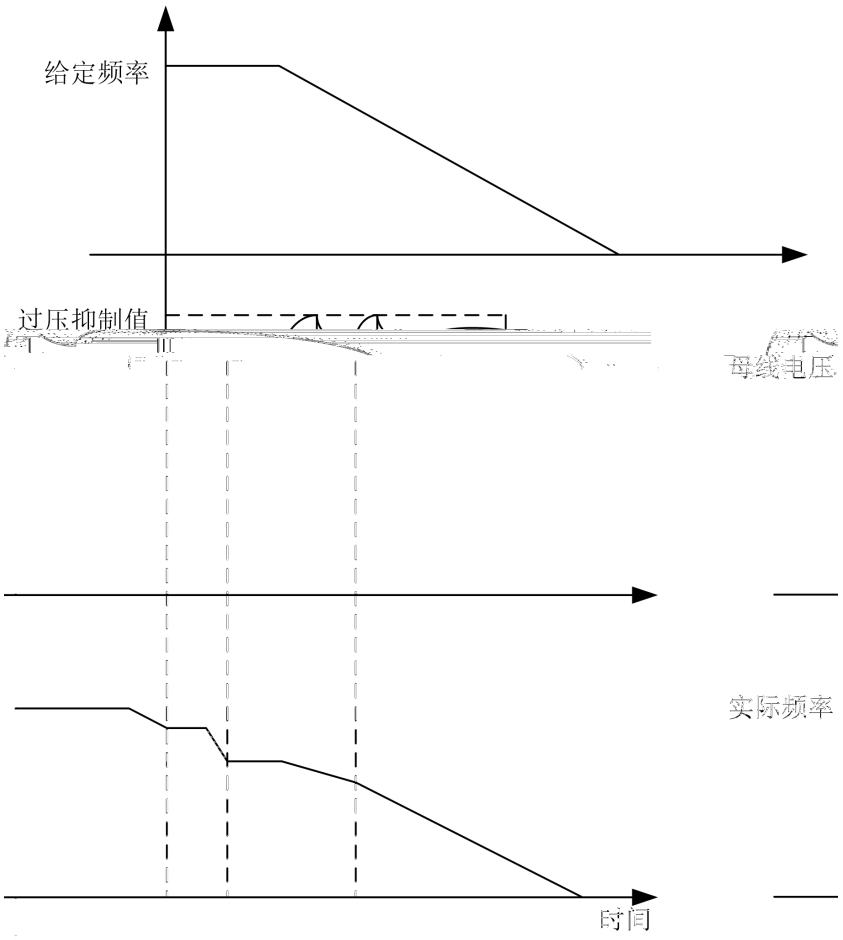
$$\frac{I_a + I_b + I_c}{} > P \qquad P$$

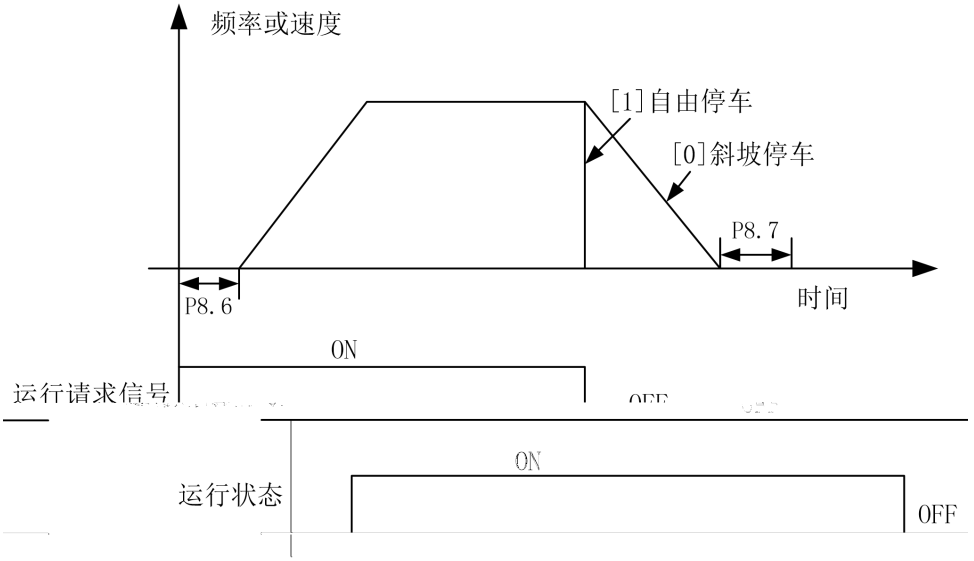

百分比
P7.50
P7.48
(过载电流1)
P7.47
(持续电流)
P7.51
P7.49
时间

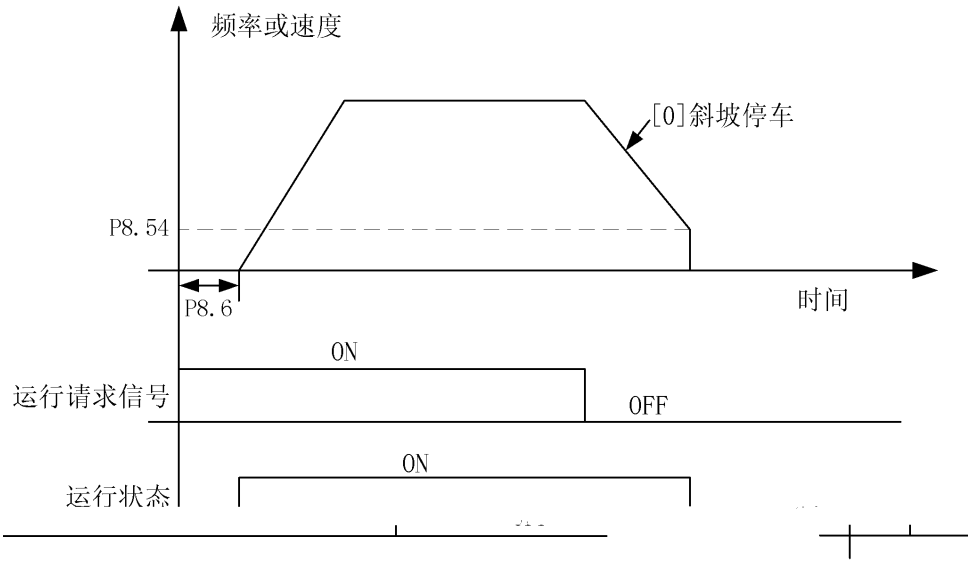
√ + +

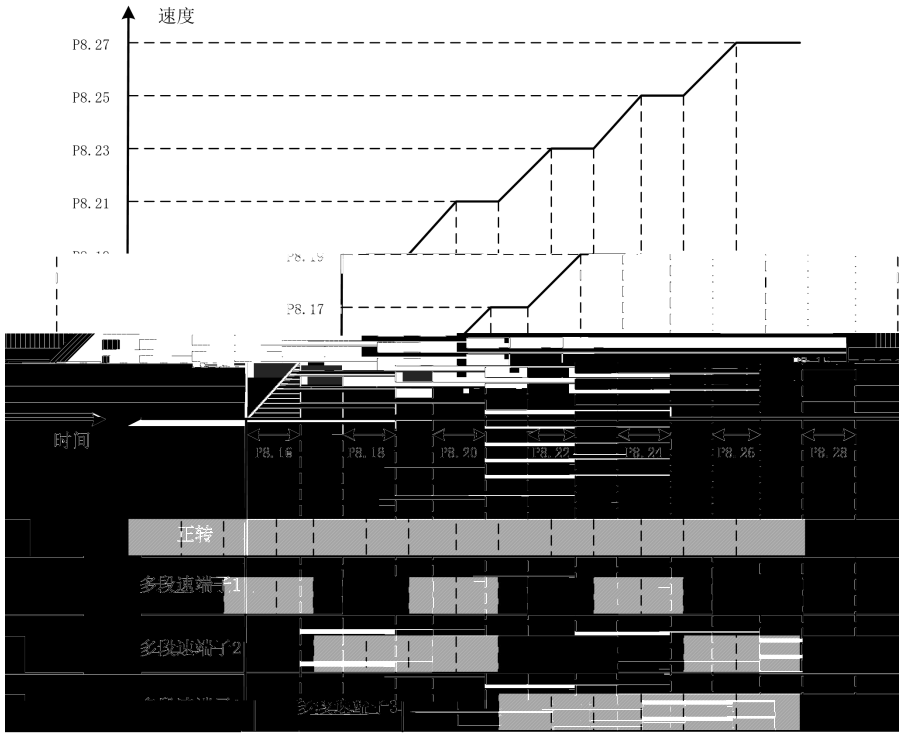
√ + +

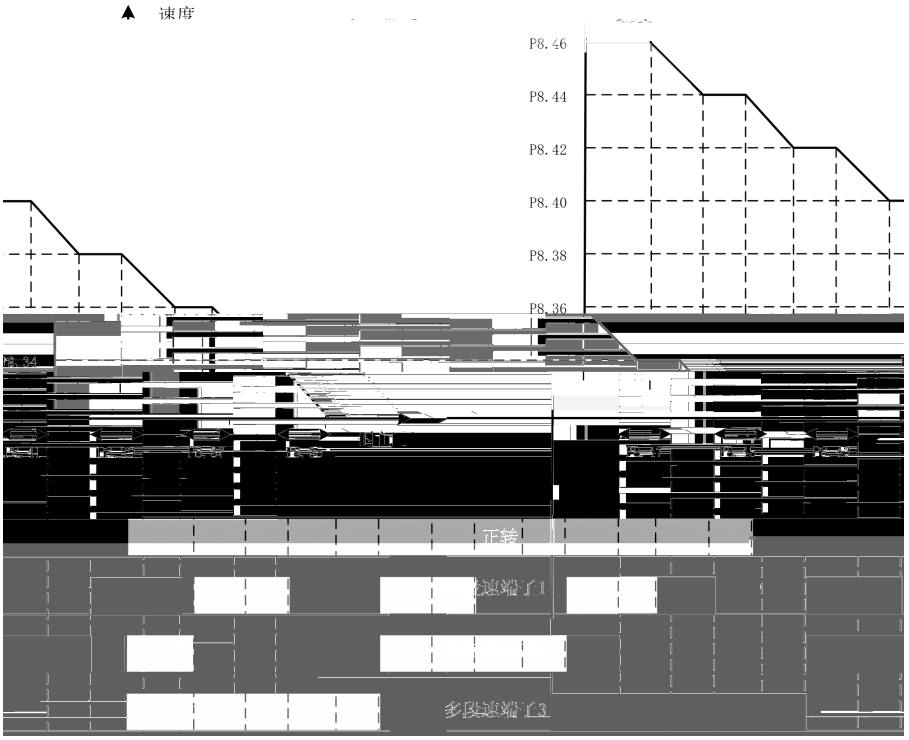
√ + +

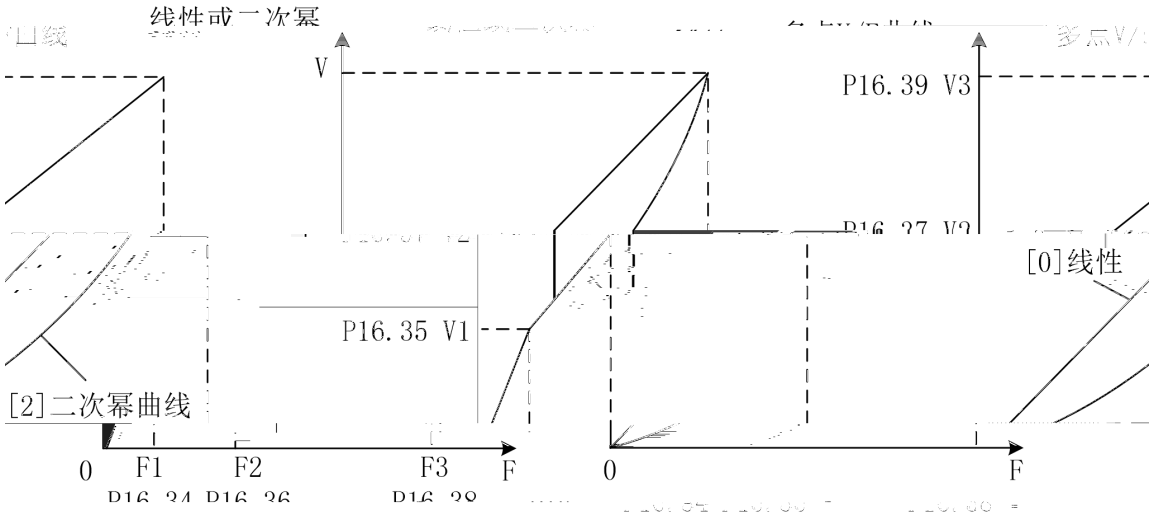

给定频率
过压抑制值
母线电压
实际频率
时间

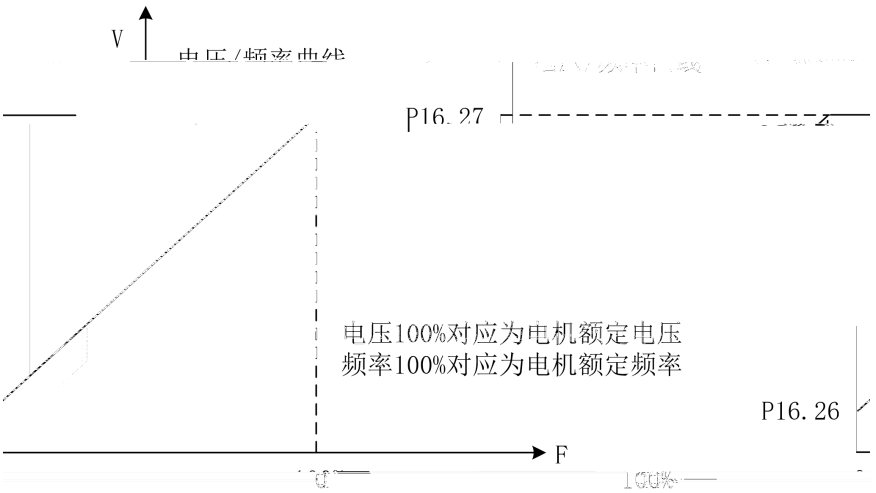

频率或速度
[1]自由停车
[0]斜坡停车
P8.7
P8.6
时间
ON
运行请求信号
OFF
ON
运行状态
OFF

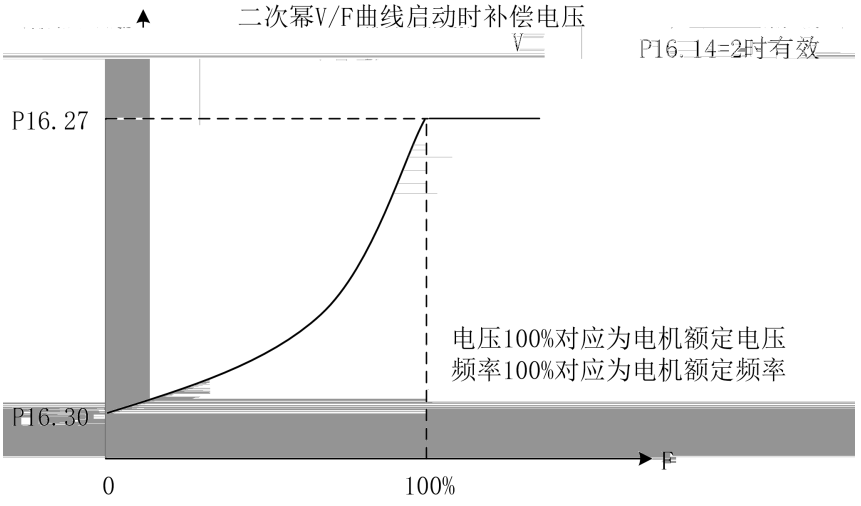

频率或速度
[0]斜坡停车
P8.54
P8.6
时间
ON
运行请求信号
OFF
ON
运行状态

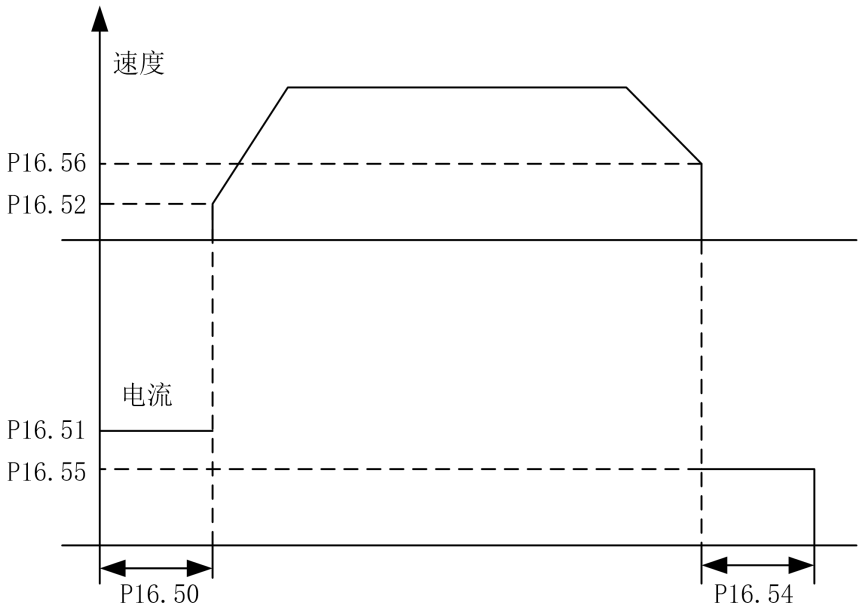

速度
P8.27
P8.25
P8.23
P8.21
P8.17
时间
P8.16
P8.18
P8.20
P8.22
P8.24
P8.26
P8.28
正转
多段速端子1
多段速端子2

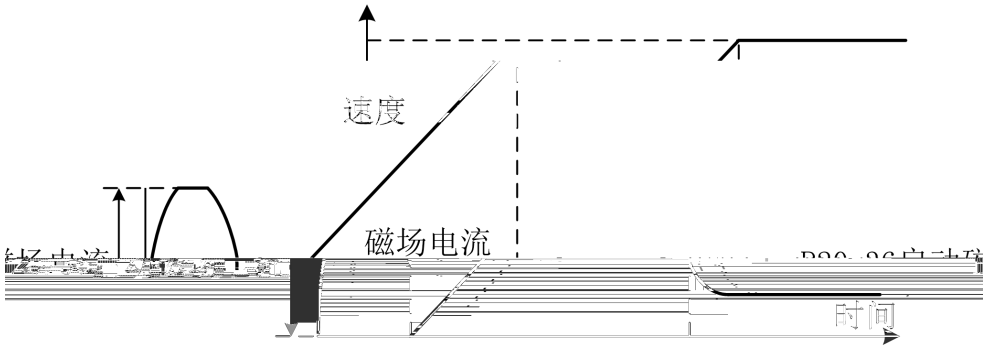

速度
P8.46
P8.44
P8.42
P8.40
P8.38
P8.36
正转
速端了1
多段速端了3

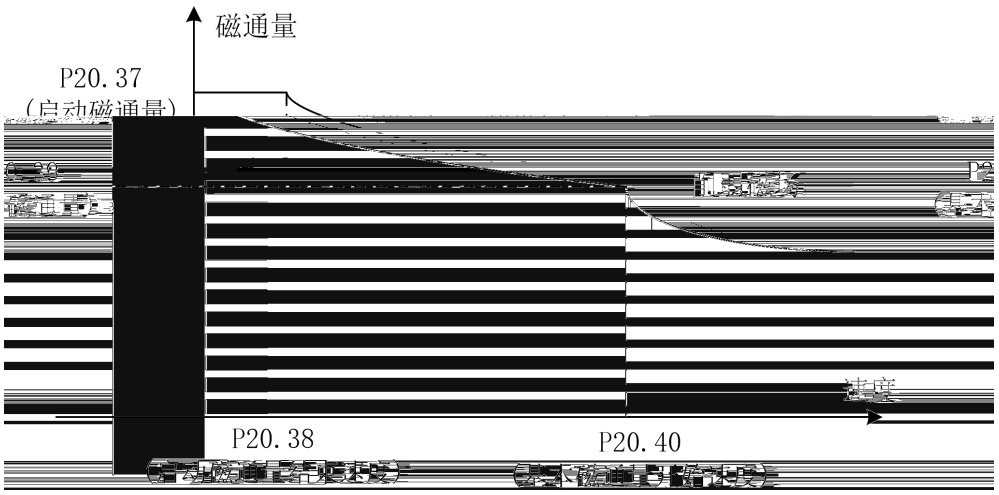

线性或一次幂
V
P16.39 V3
P16.35 V1
[0]线性
[2]二次幂曲线
0
F1
F2
F3
F
0
F

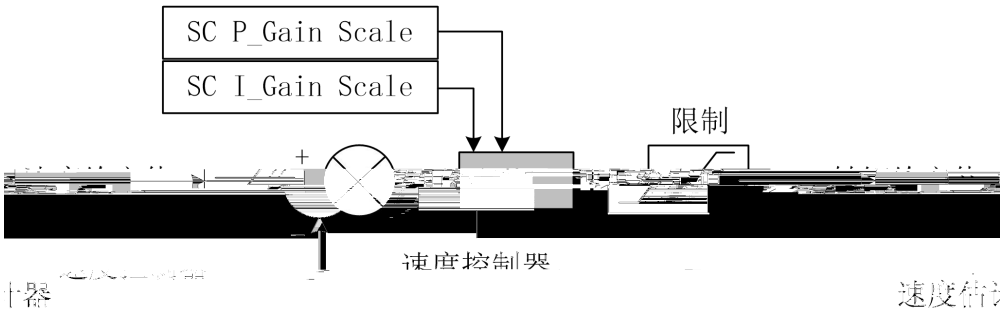

V
P16.27
电压100%对应为电机额定电压
频率100%对应为电机额定频率
P16.26
F

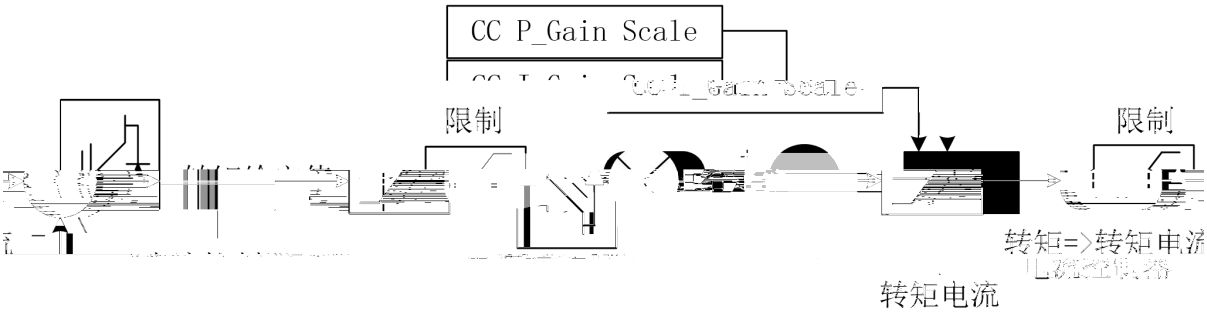

二次幂V/F曲线启动时补偿电压
V
P16.14=2时有效
P16.27
电压100%对应为电机额定电压
频率100%对应为电机额定频率
P16.30
F
0
100%

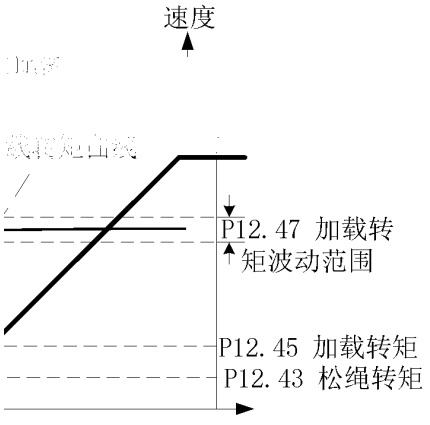

速度
P16.56
P16.52
电流
P16.51
P16.55
P16.50
P16.54


速度
磁场电流
时间

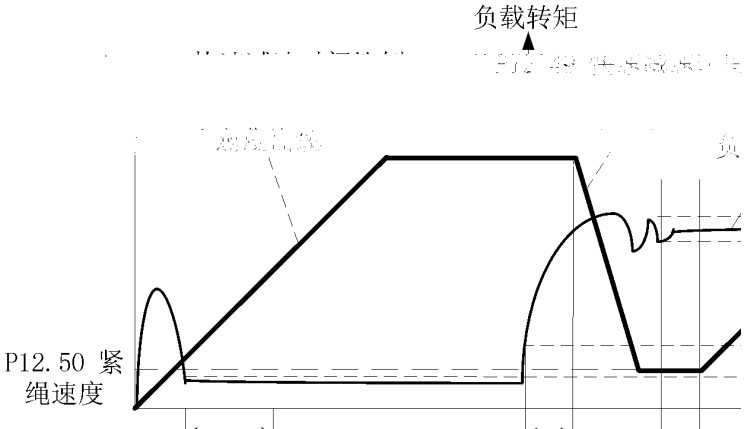

磁通量
P20.37
速度
P20.38
P20.40


SC P_Gain Scale
SC I_Gain Scale
限制
速度控制器


CC P_Gain Scale
限制
限制
转矩=>转矩电流
转矩电流



48 加载稳定时间



P12.44 松绳检测时间 P12.46 加载检测时间 P12.4

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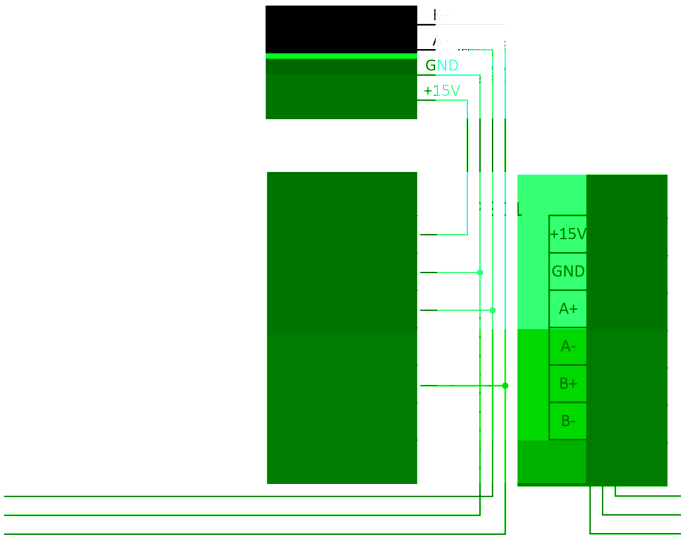
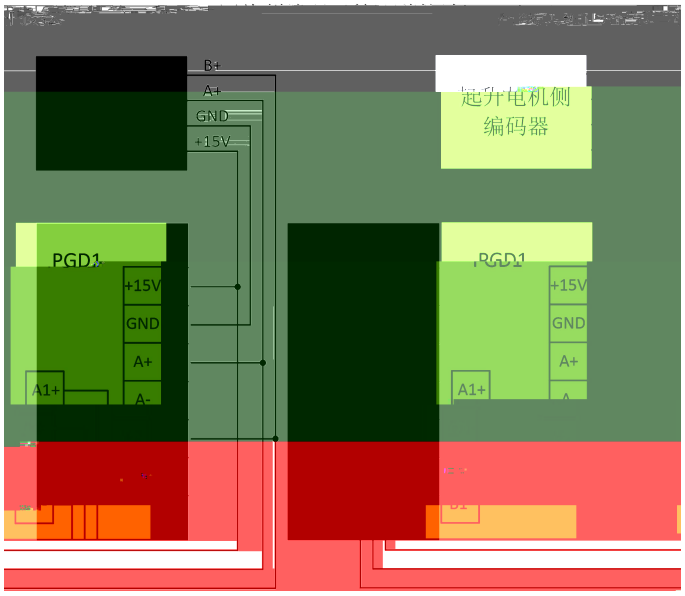
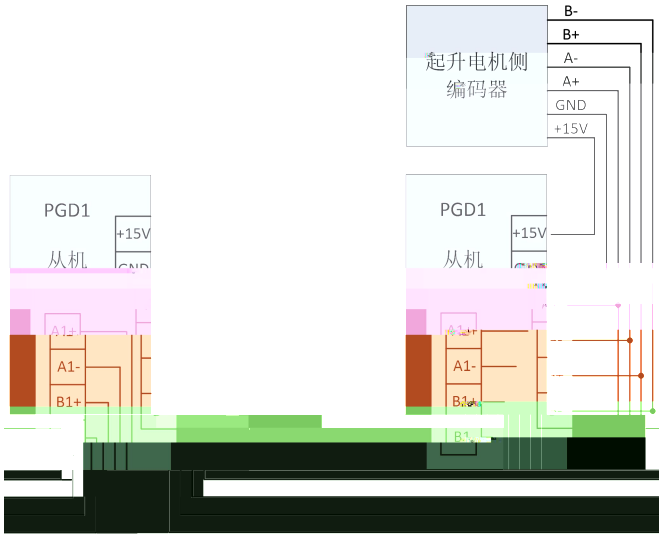
四线制编码器第一种接法





六线制编码器接法



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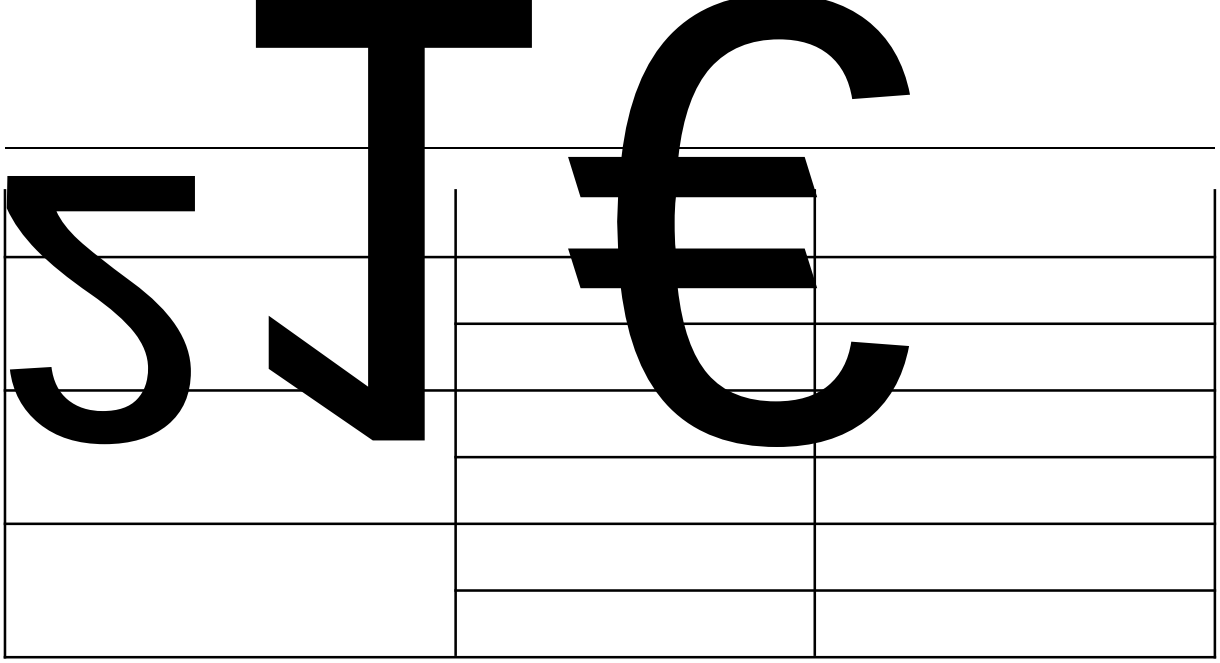

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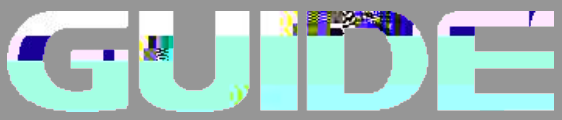
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