GUIDE Inverter HF630-L MT Series Technical Manual

Version: 1.06

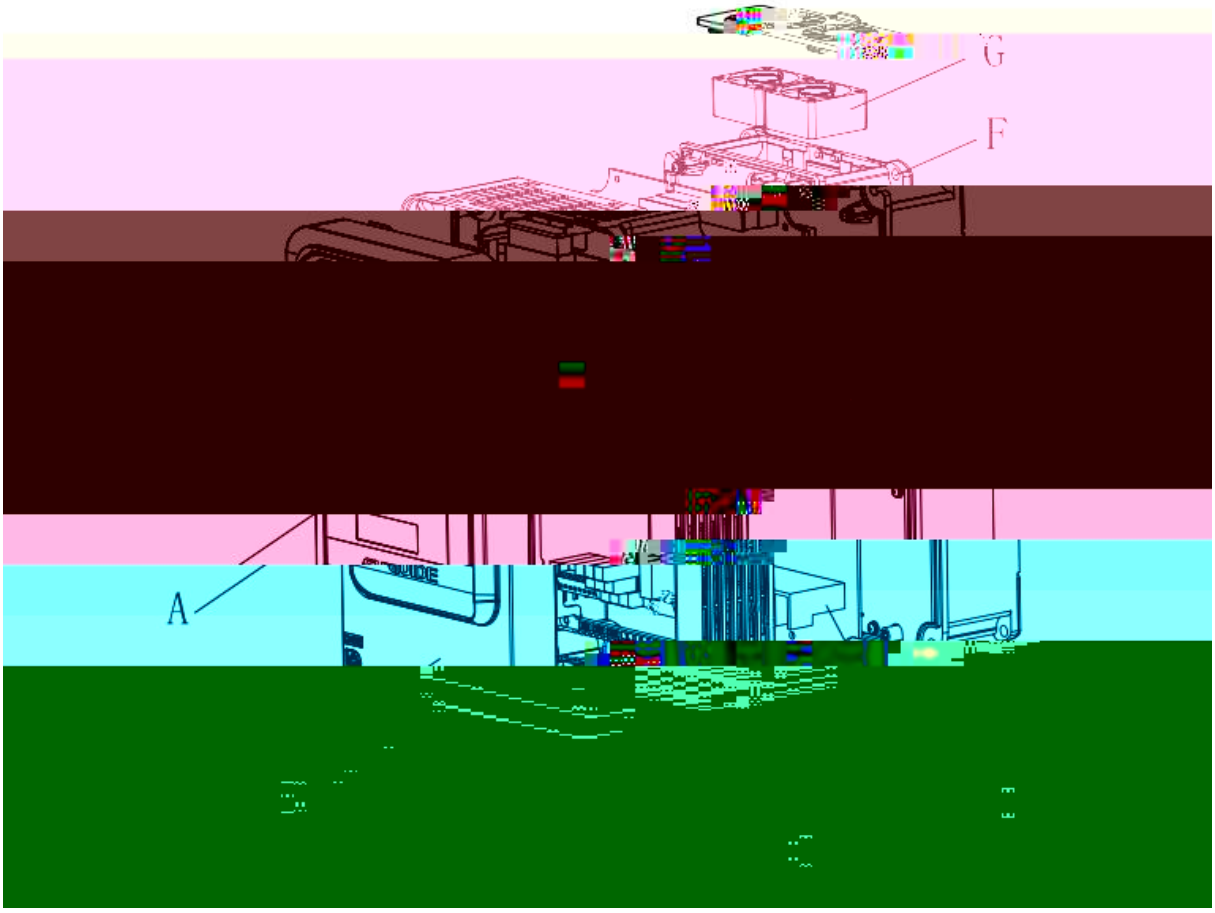
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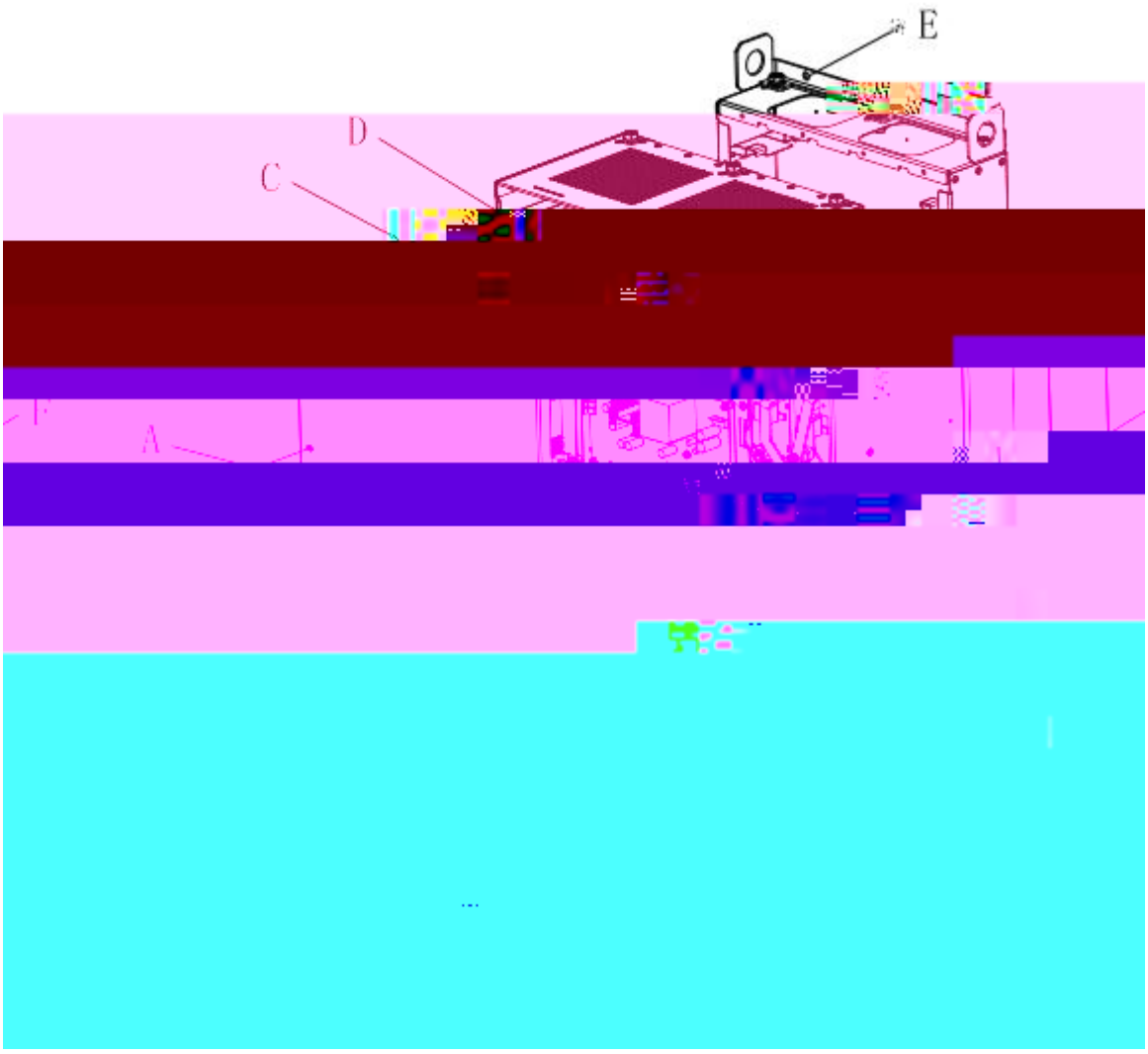


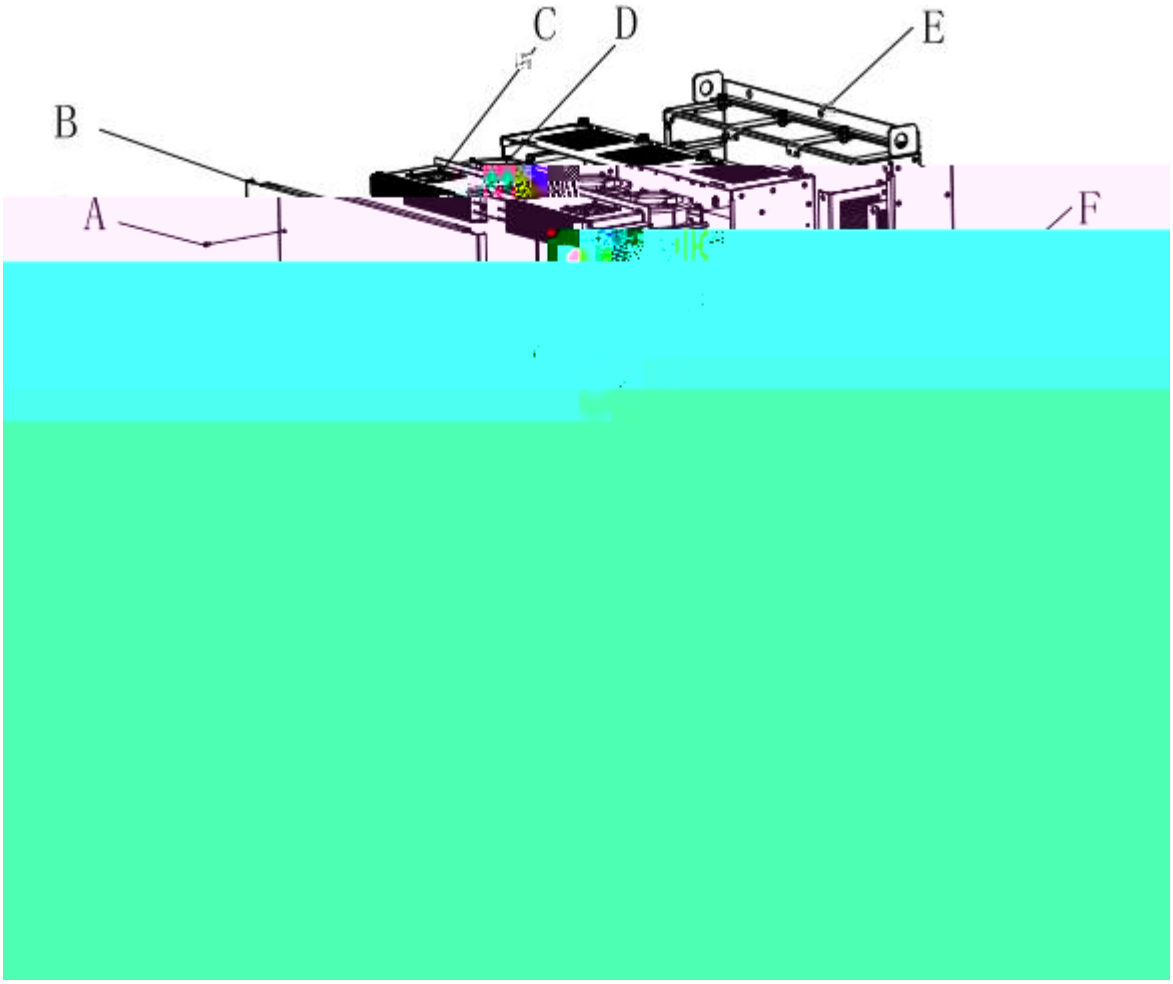
Figure 2-2 Nameplate implication

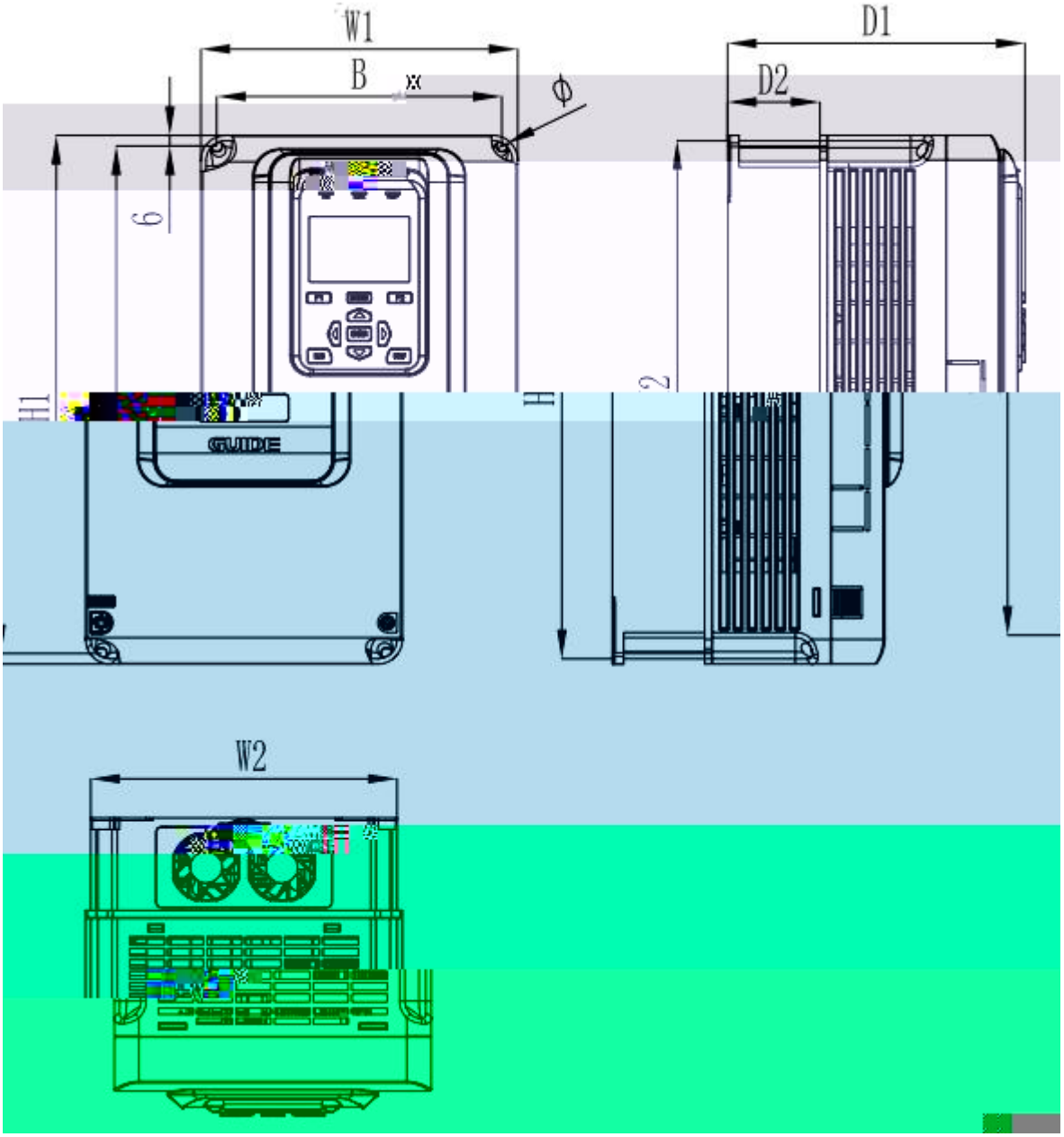

G
F
A

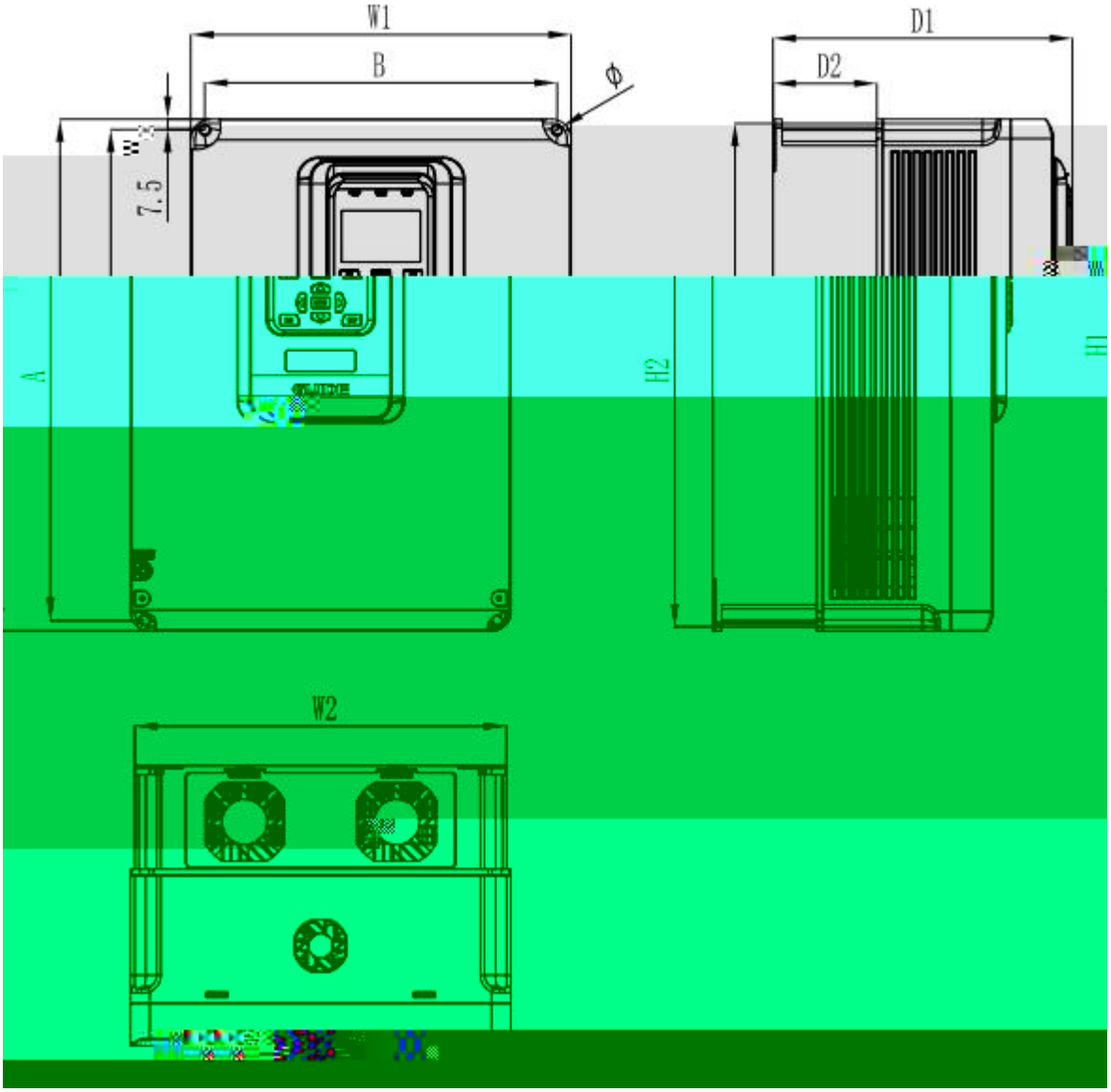
OXAM

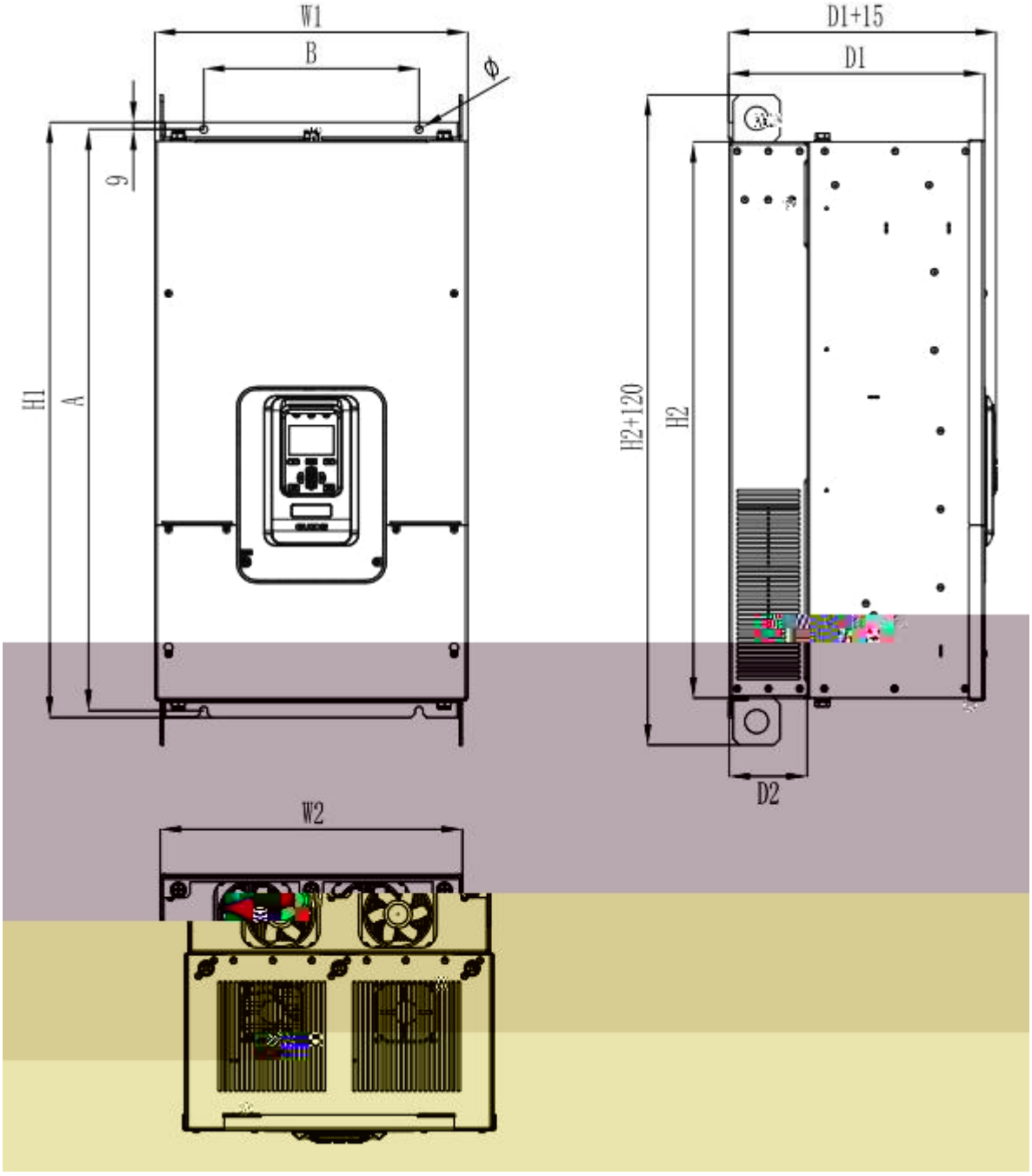
GUIDE

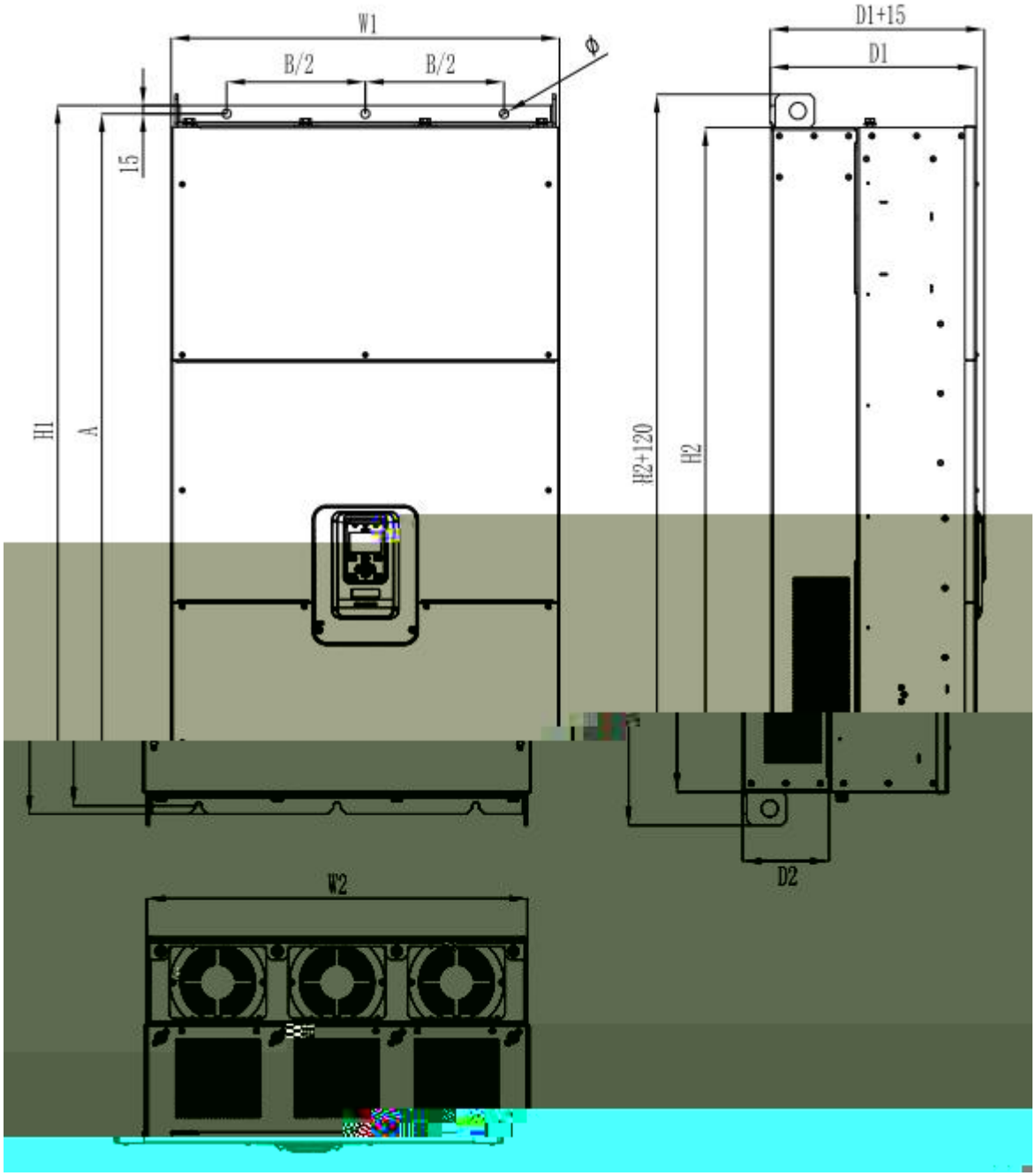

E
D
C
A


C
D
E
B
A
F


W1
B
D1
D2
6
H1
H2
GUIDE
W2


W1
B
Φ
D1
D2
7.5
A
H2
H1
W2


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

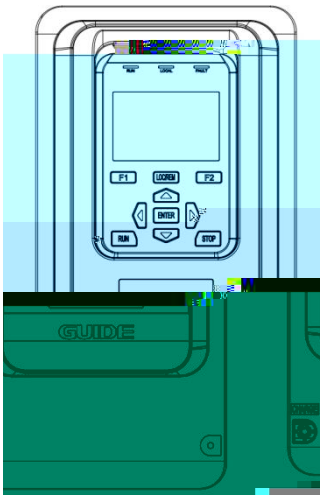

W1
B/2
B/2
Φ
15
H1
A
D1+15
D1
H2+120
H2
D2
W2

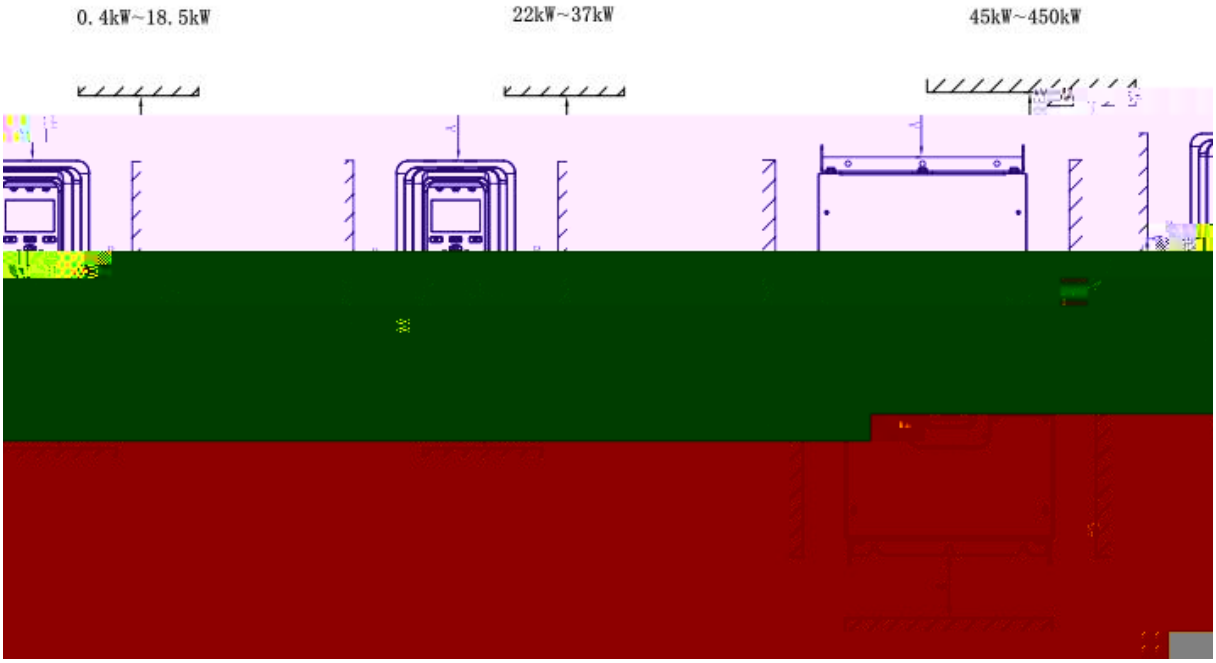
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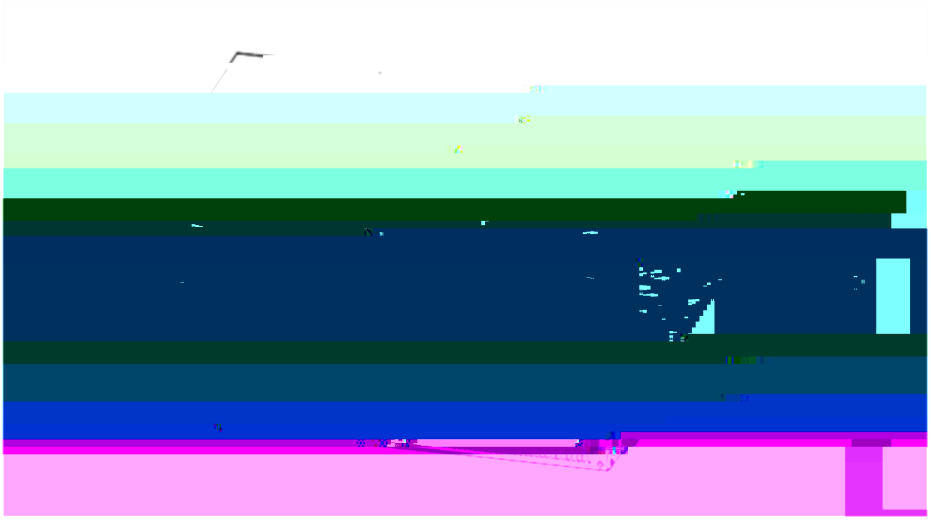
FXUUHQW

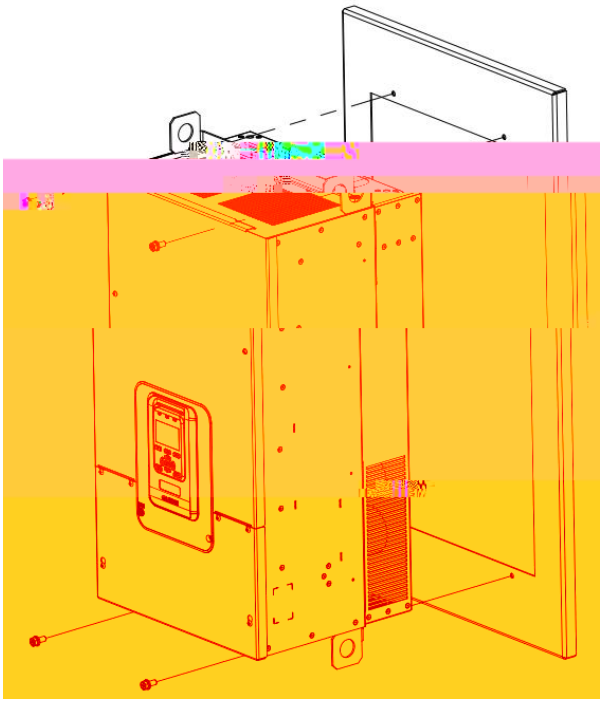
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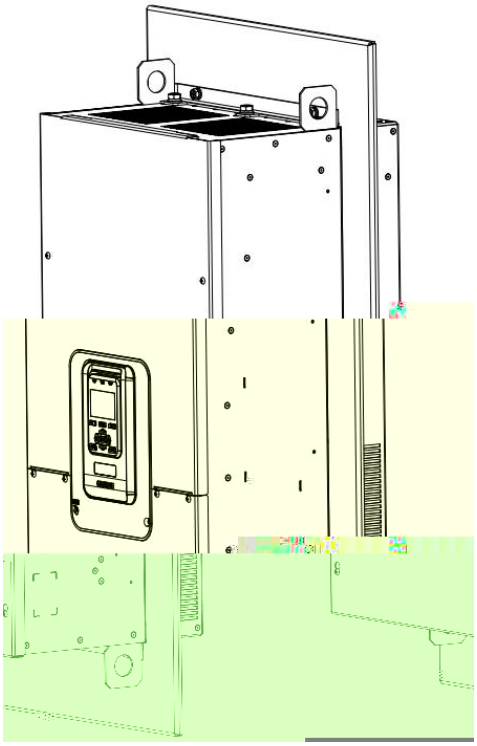
GUID

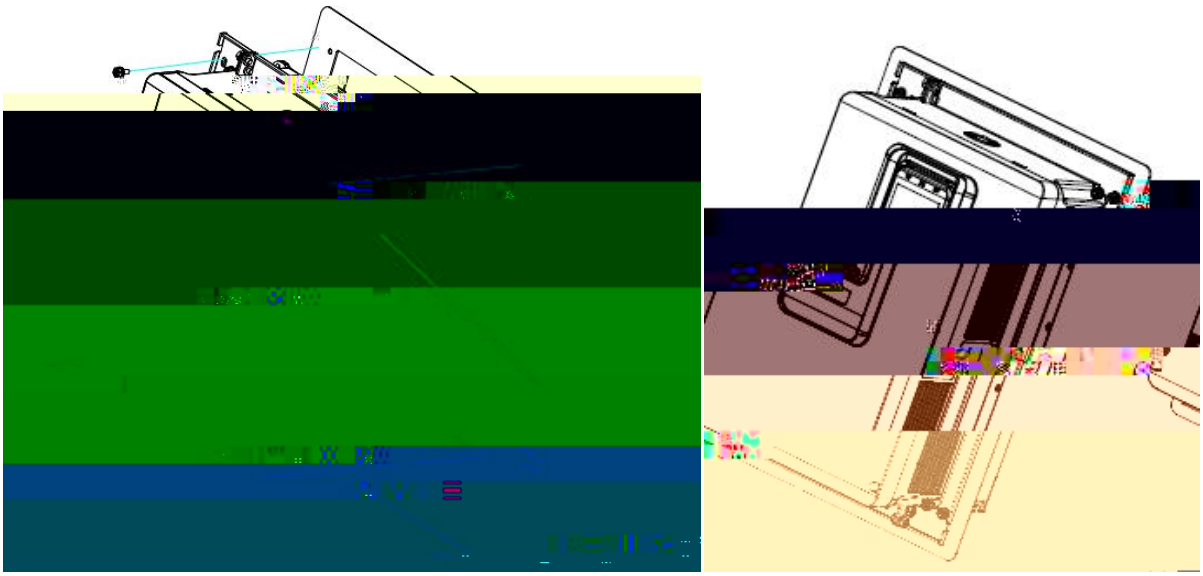

F1
LOCREM
F2
ENTER
RUN
STOP
GUIDE

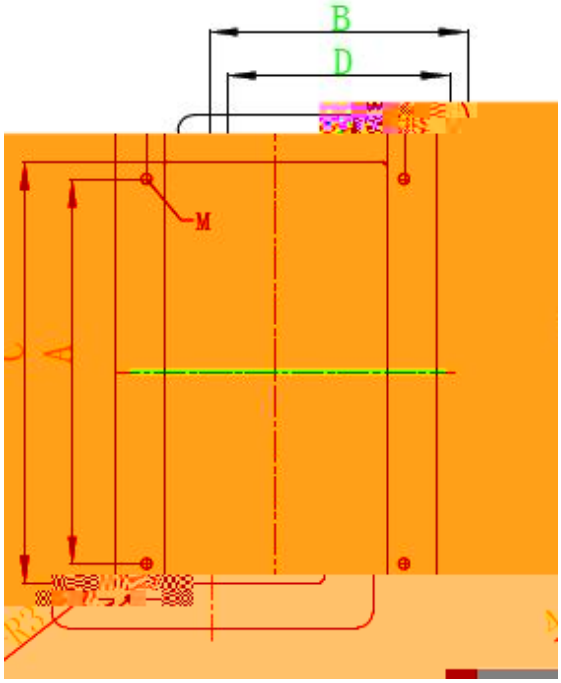

0.4kW~18.5kW
22kW~37kW
45kW~450kW

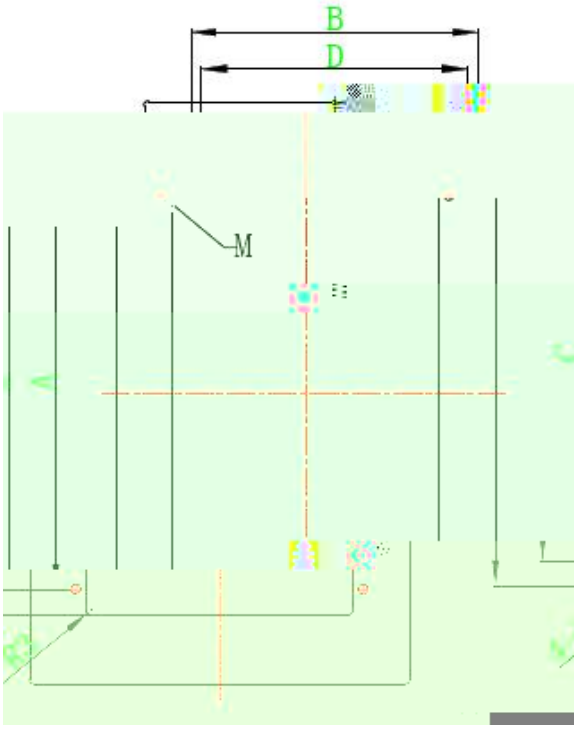




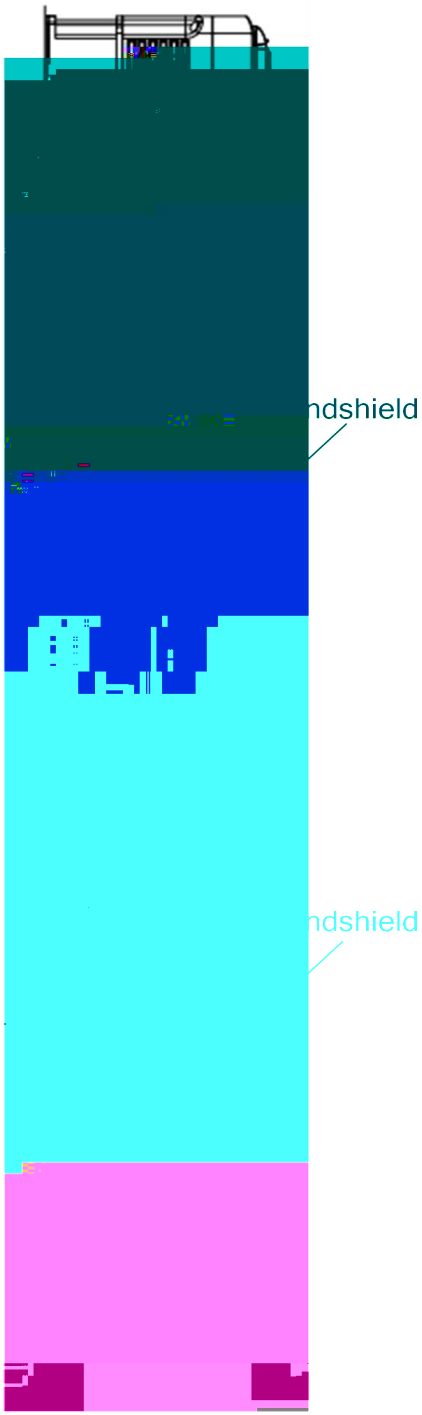





B
D
M
A

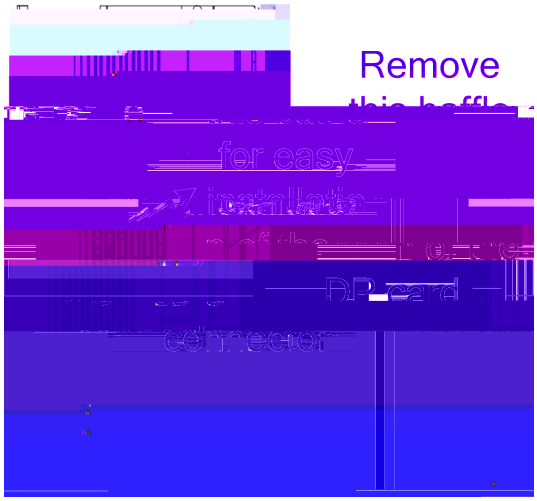

B
D
M

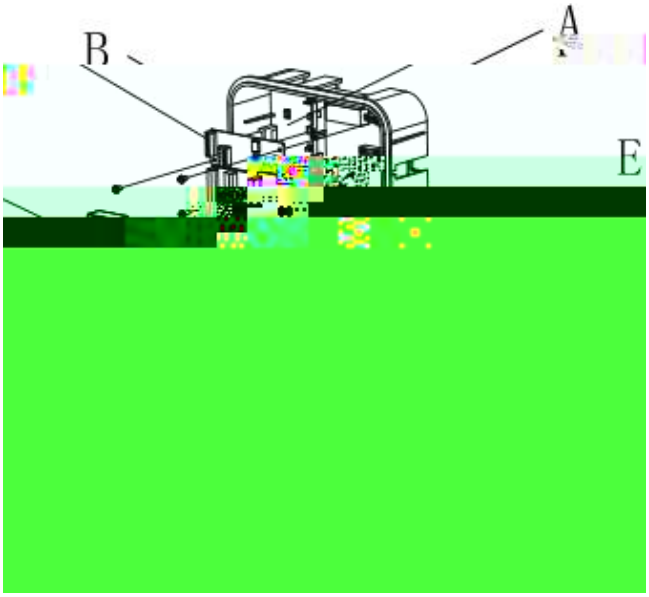
GUIDE


ndshield
ndshield

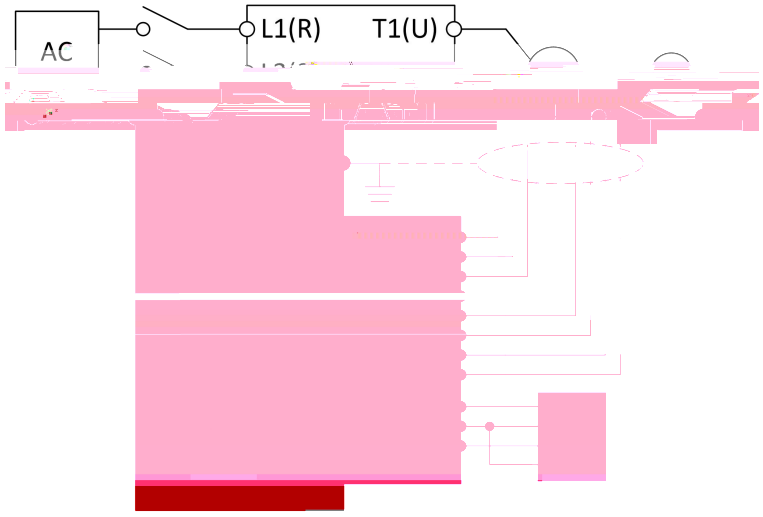

Hot air
Hot air
Cold air

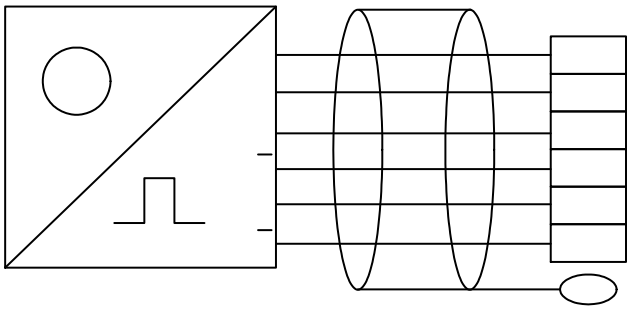


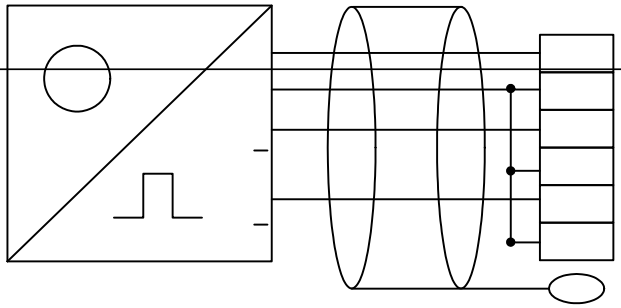


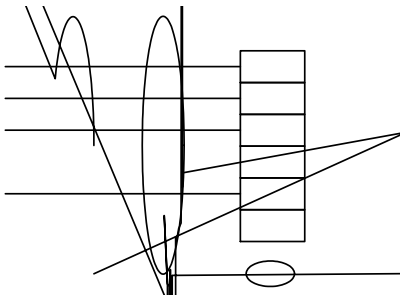


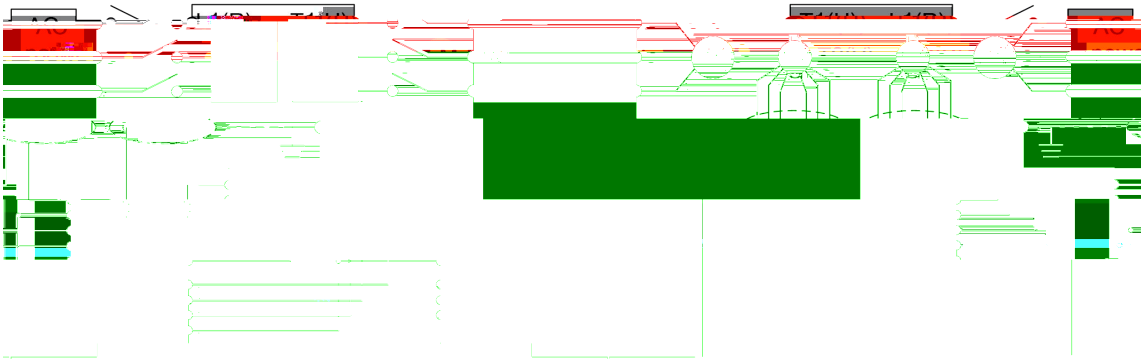
A- ground trestle
B- PG card
C- IO card
D- DP card
E- DP card adapter connector
F- screw

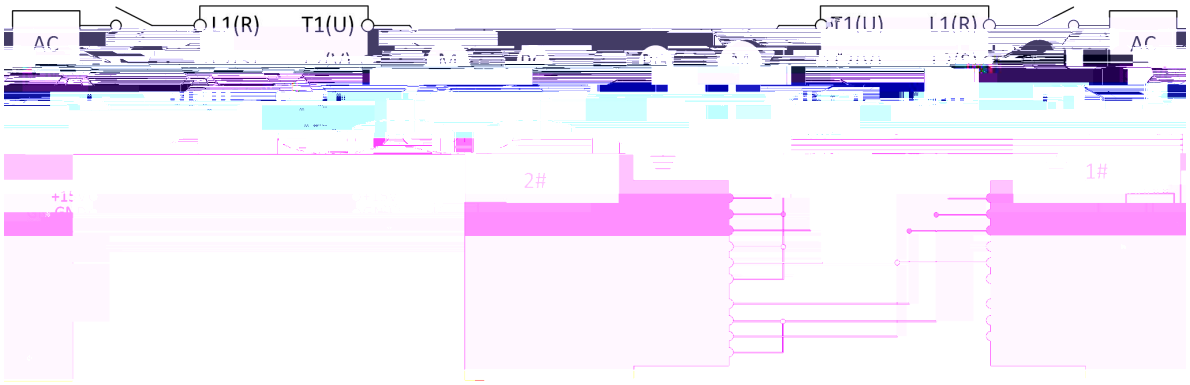

AC
L1(R)
T1(U)

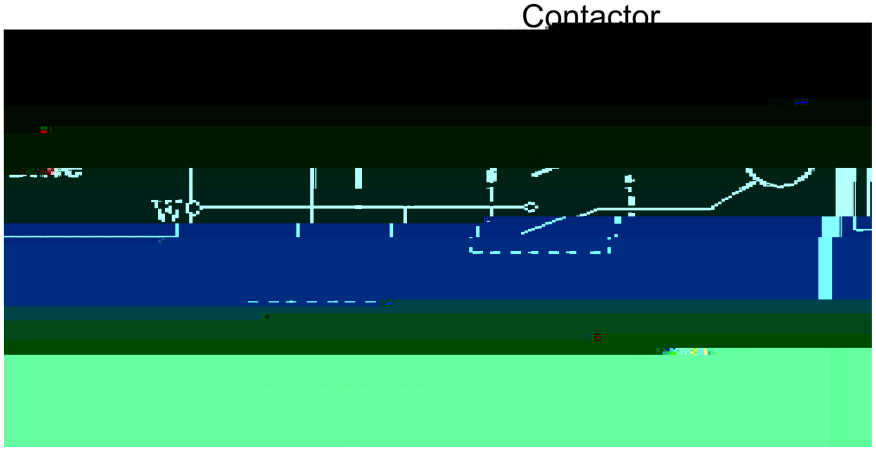


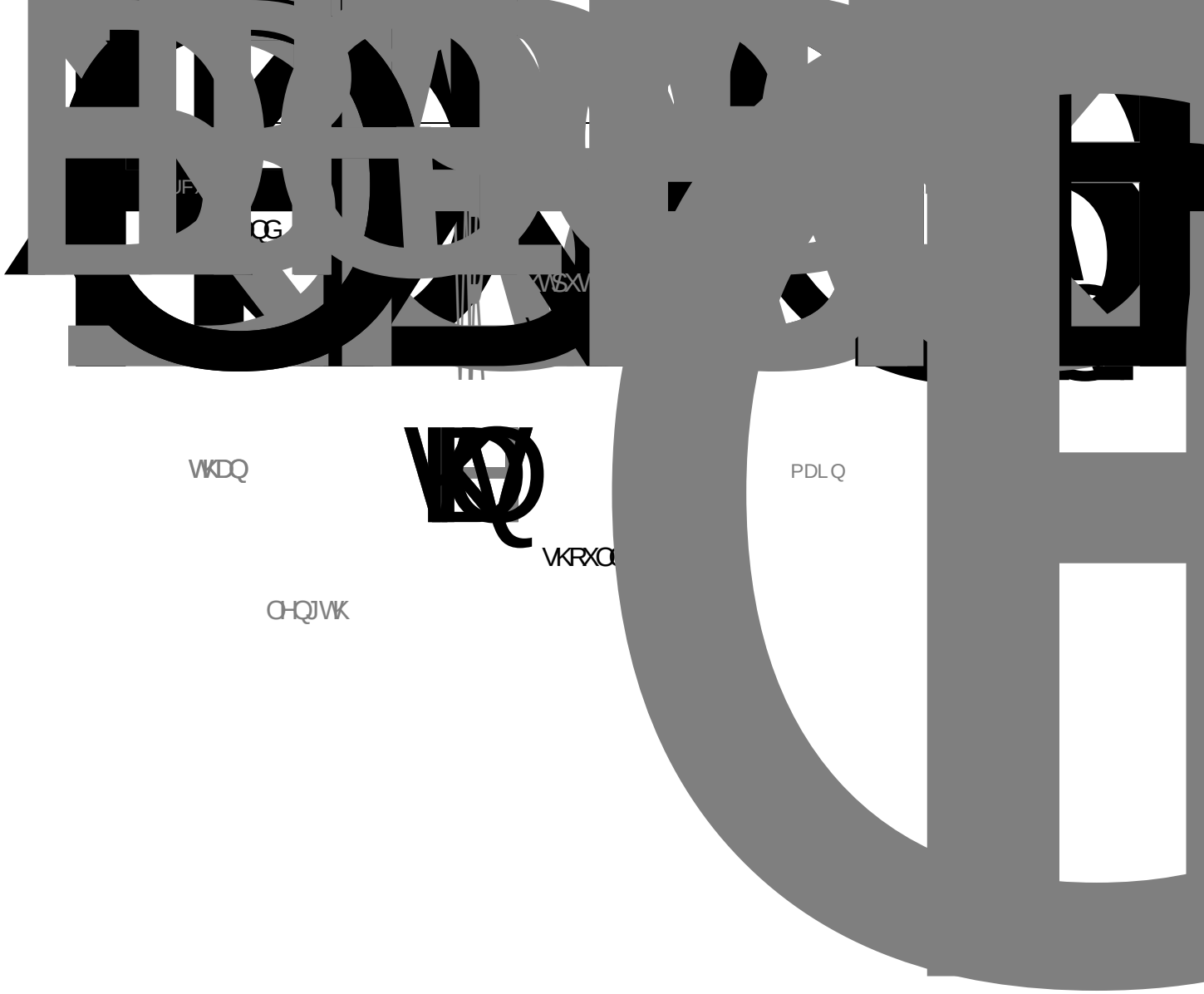


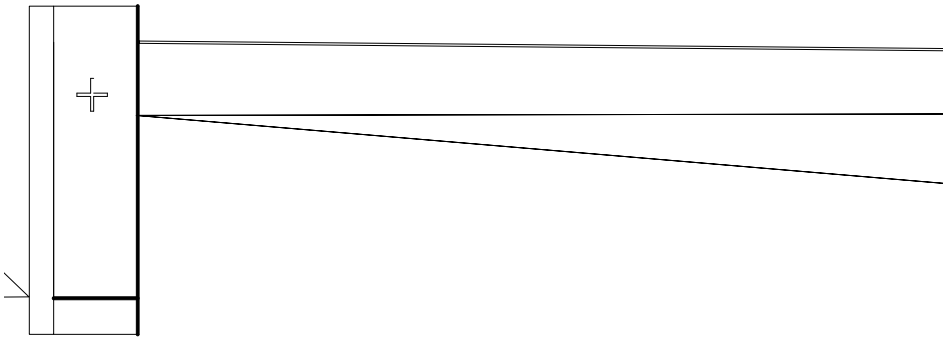


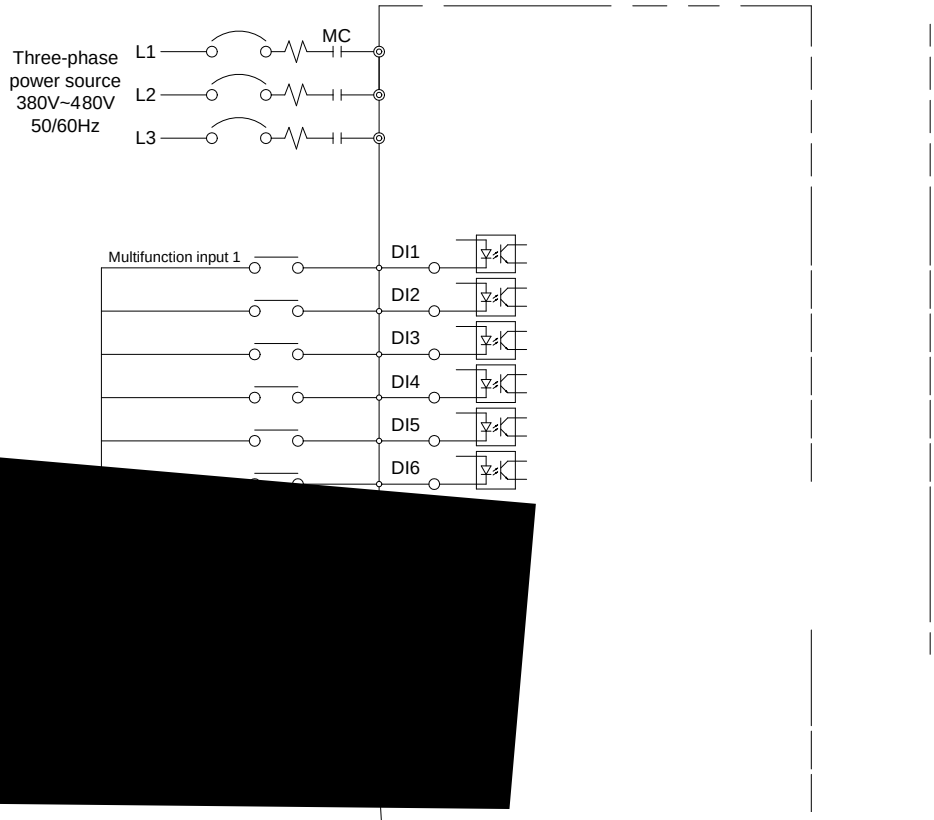


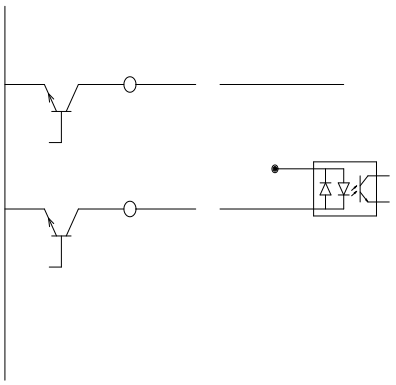

AC
L1(R)
T1(U)
T1(U)
L1(R)
AC
2#
1#


Contactor


VWKDQ
PDLQ
VKRXOG
OHQJWK




Three-phase
power source
380V~480V
50/60Hz
L1
L2
L3
MC
Multifunction input 1
DI1
DI2
DI3
DI4
DI5
DI6



JHQHUDO

PXVW

QG SSDHJVX pH GLQ

LQVWDOOH LQSX L H

I UR TWK€ RWKH H

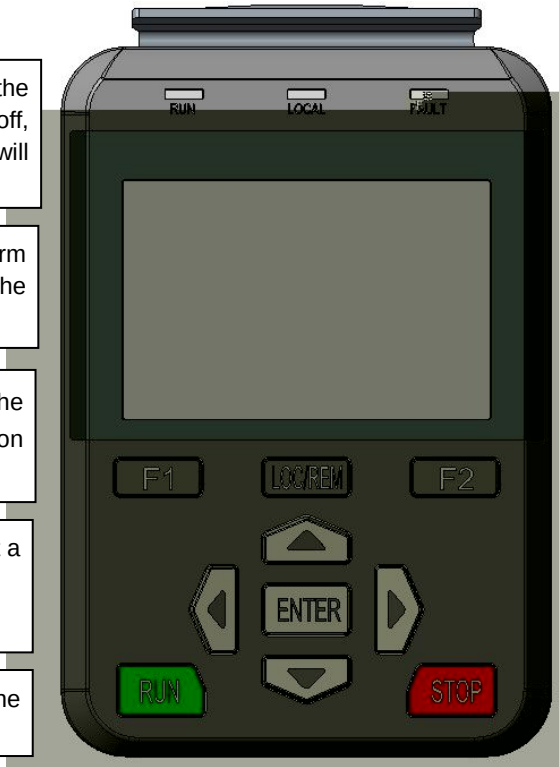
If not operate LCD, the backlight automatically turn off, operate again, it will automatically light up.

ENTER key is used to confirm the choice and save the settings.

is used to choose the function of displaying on screen.

left/right key is used to select a desired number position Error-reset

RUN key is used to run the inverter.

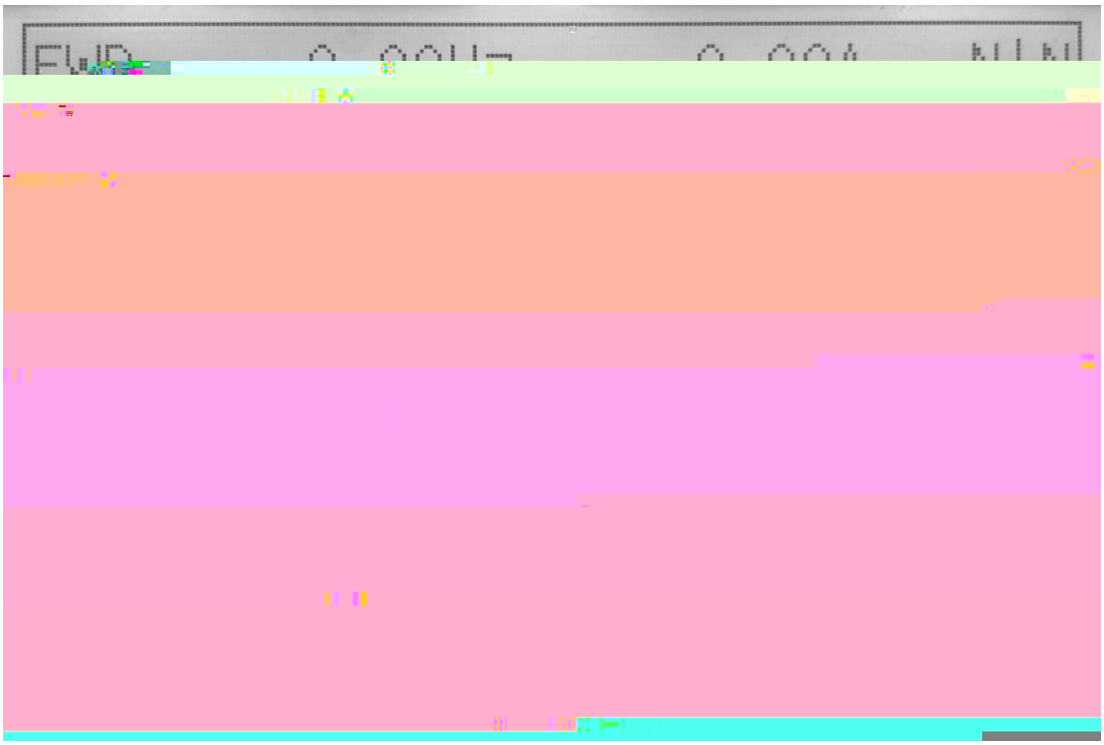


Up and down keys are used to control the menu shift and operation. It can also be used to increase or decrease the data values.

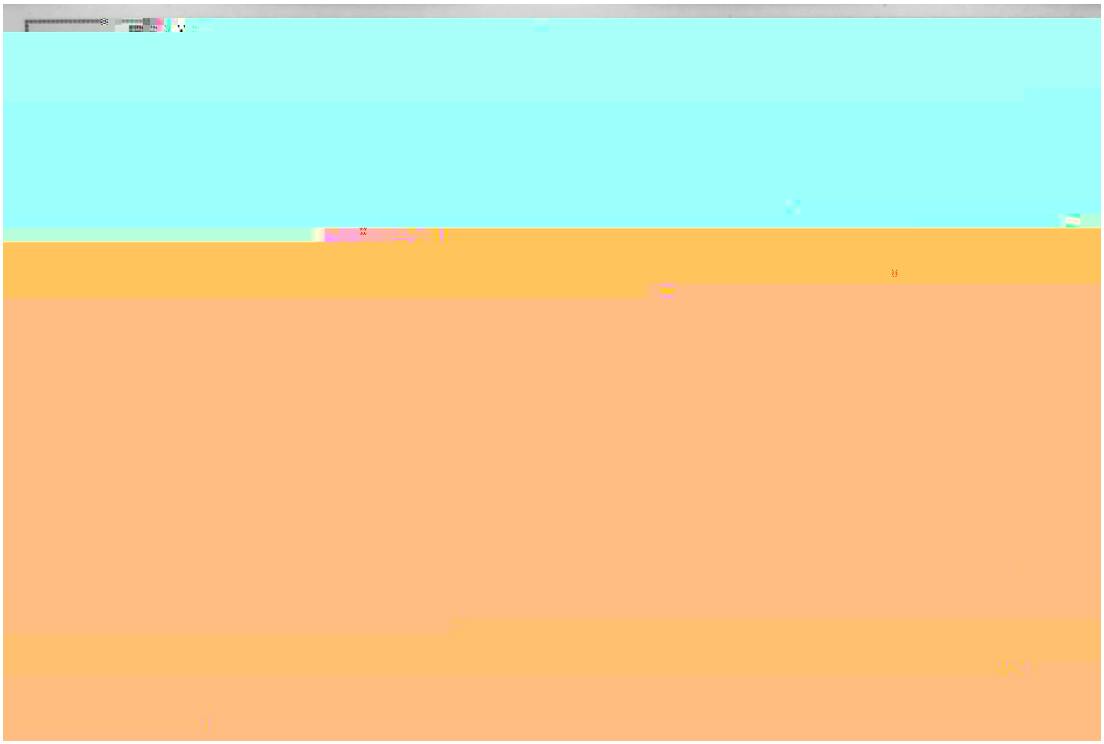
LOC / REM is used to select local or remote control (operator operation must be carried out in local mode, it is can not be switched from the local mode into remote mode after entering auto-tuning state and running).

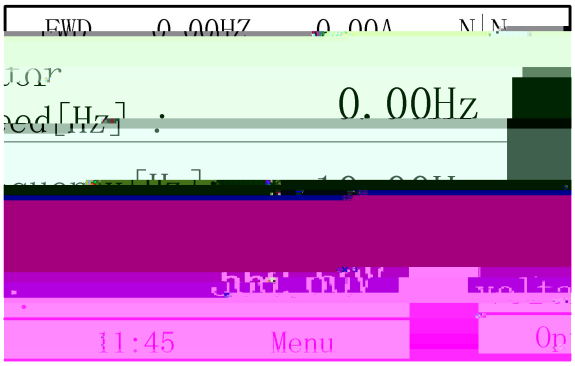
STOP is used to stop the drive.

When the machine is running normally, the RUN lamp is on.
When specify the operation panel control mode, the LOCAL lamp is on.
When the motor is forward running, the FWD lamp is on.
When the


FWD

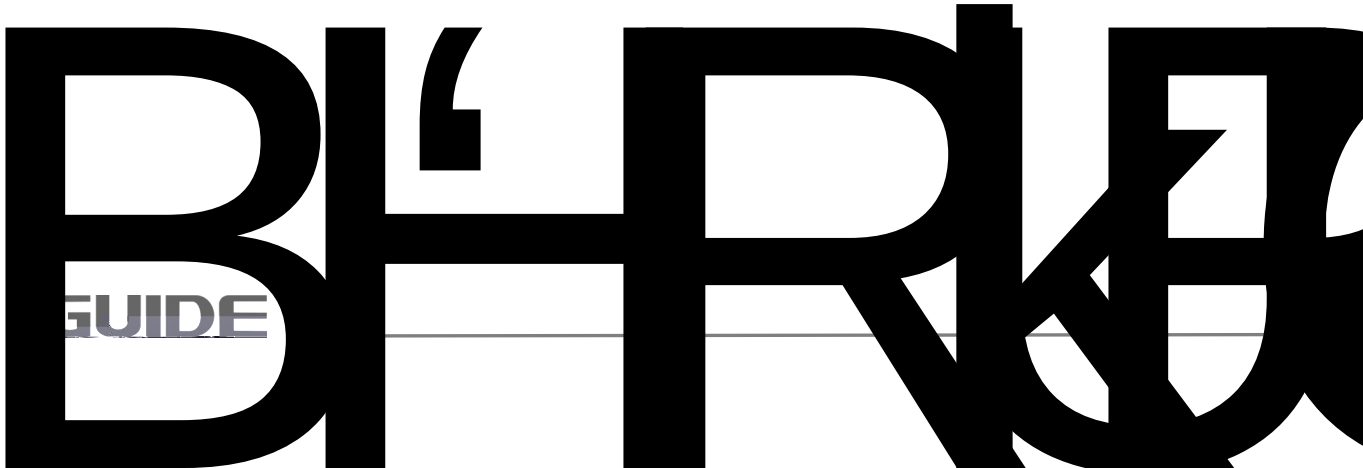

FWD




0.00Hz
Menu

Inverter tes



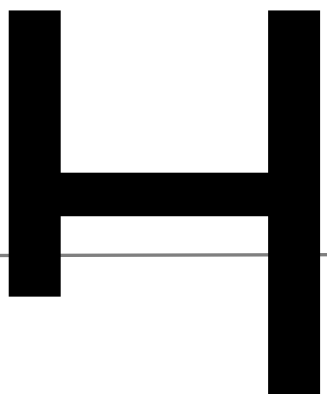

GUIDE

GUIDE

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GUIDE

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3 L



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GUIDE

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RW

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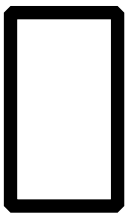
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GUIDE


GUIDE

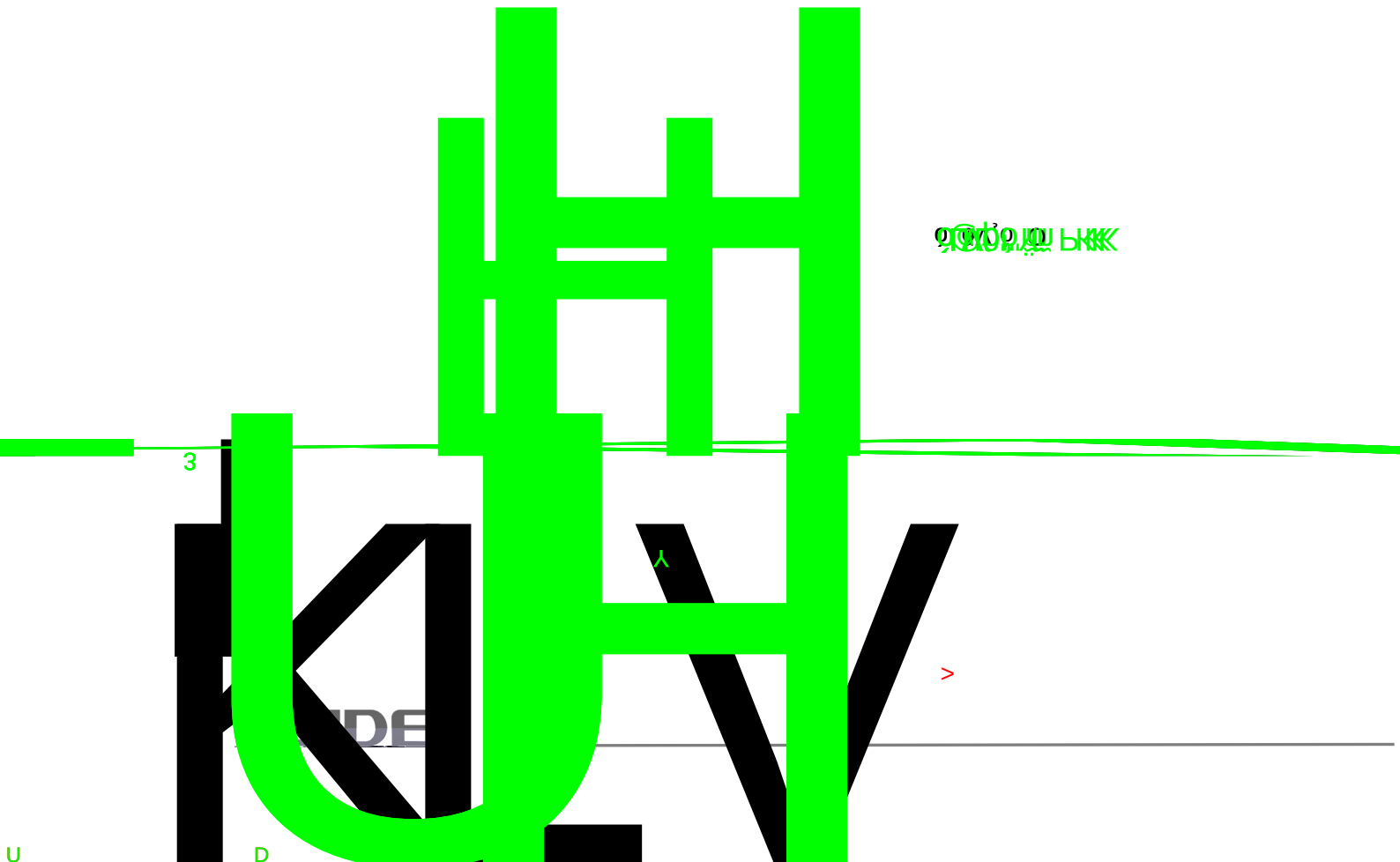




9DOAH

E 20Ga

GUIDE







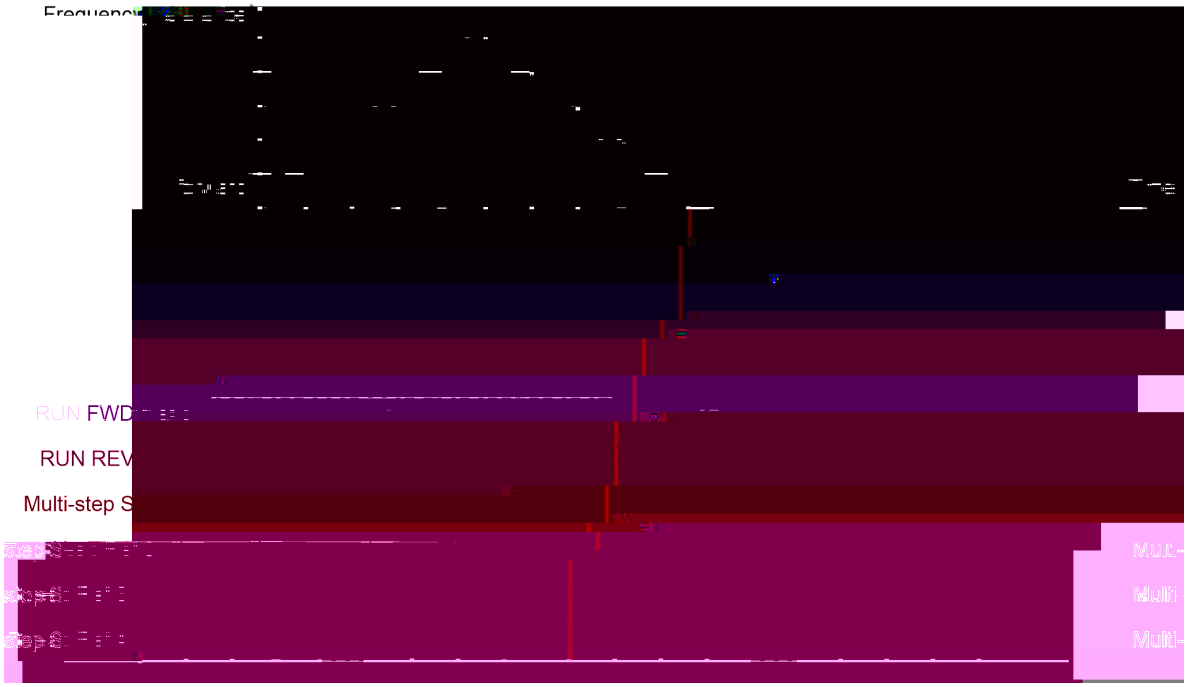
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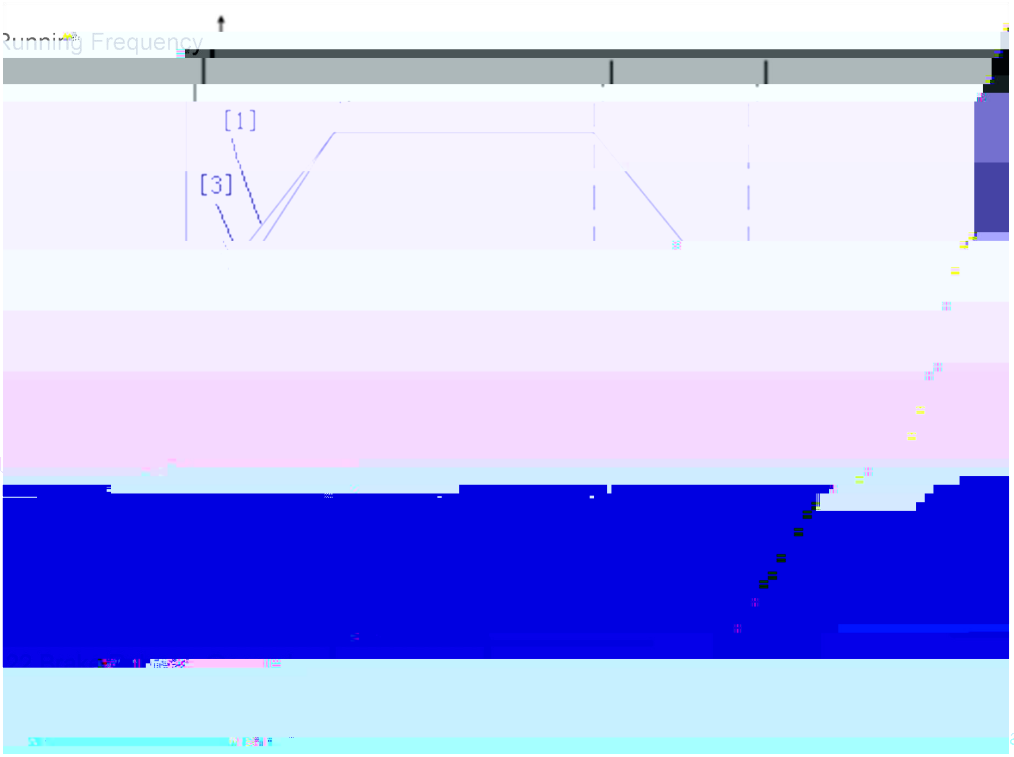
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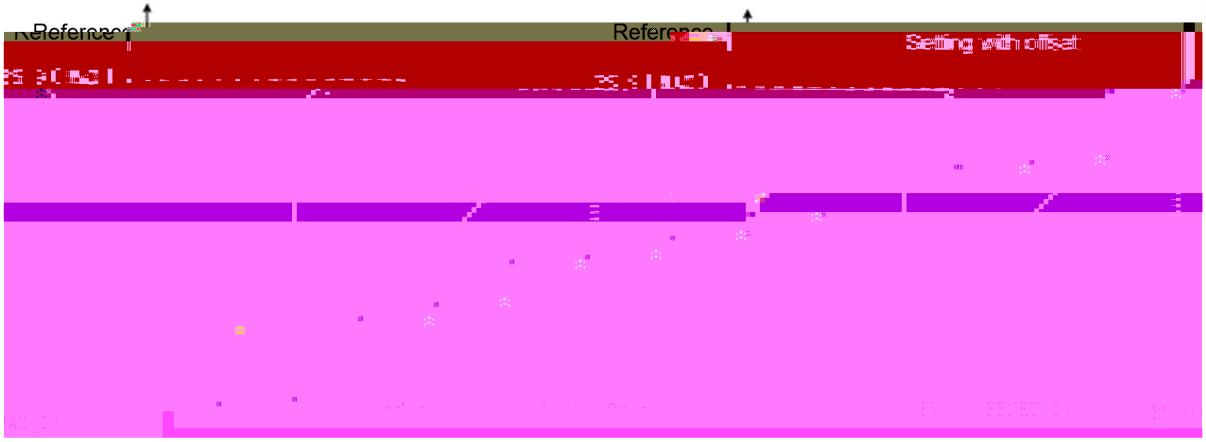
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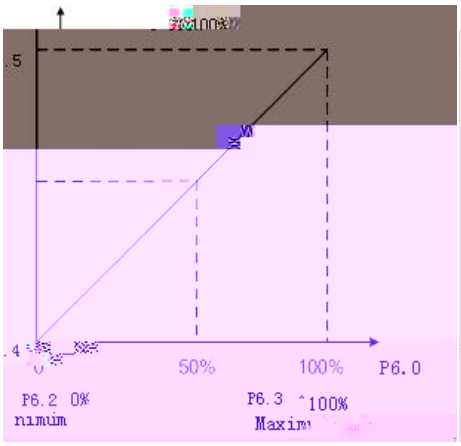

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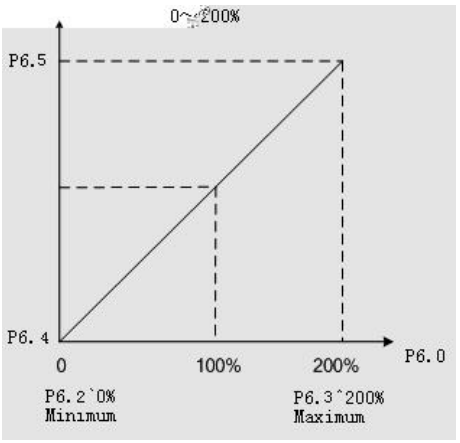

RUN FWD
RUN REV
Multi-step S

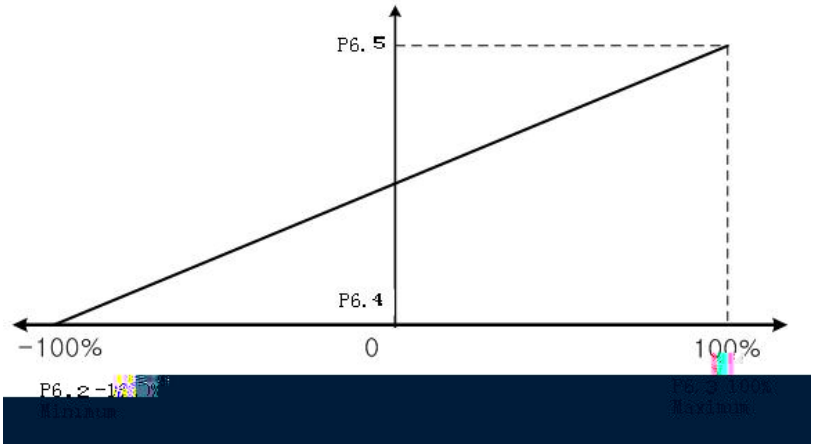

Reverse
BNT WB Command


Running Frequency
[1]
[3]


Reference
Reference
Setting with offset

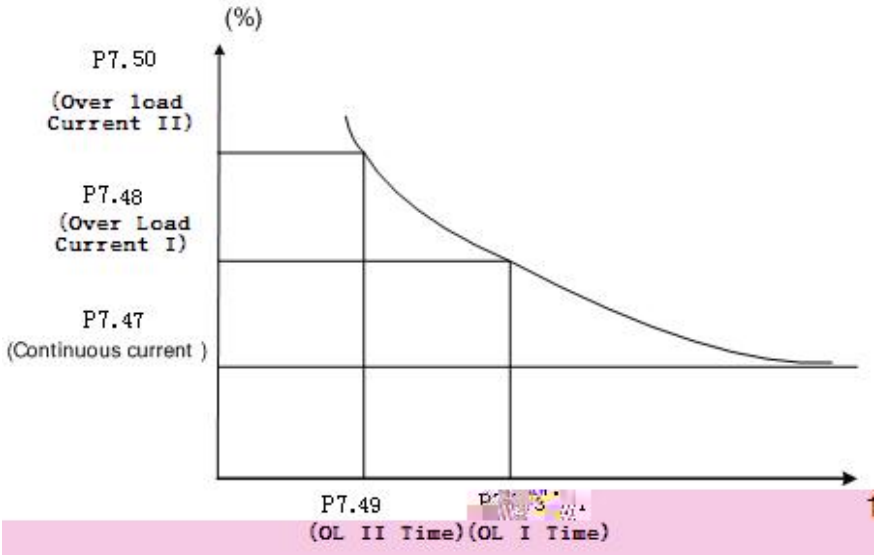

50%
100%
P6.0
P6.2 0%
P6.3 ^100%


0~200%
P6.5
P6.4
0
100%
200%
P6.0
P6.2`0%
Minimum
P6.3^200%
Maximum

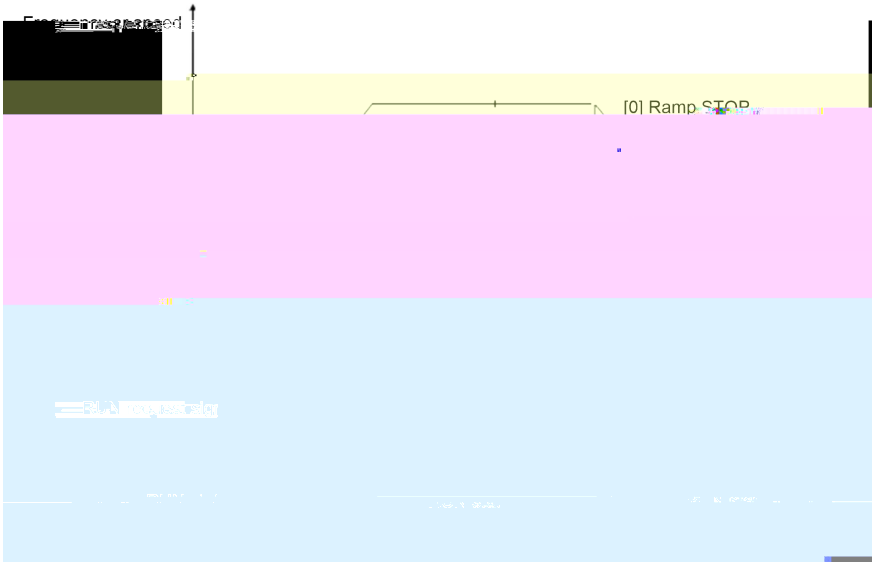

P6.5
P6.4
-100%
0
100%

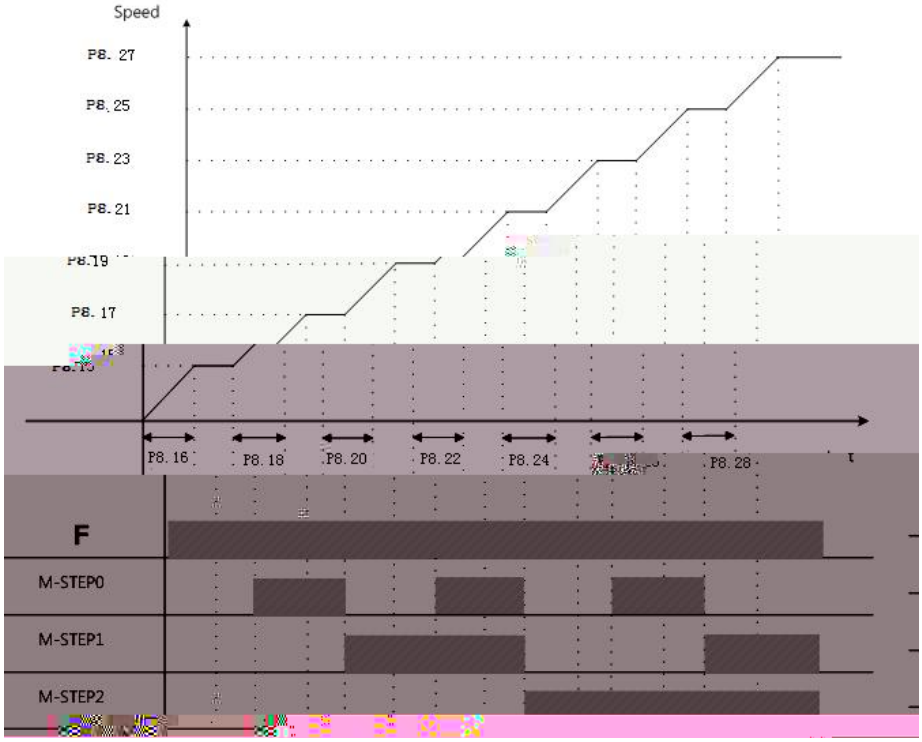
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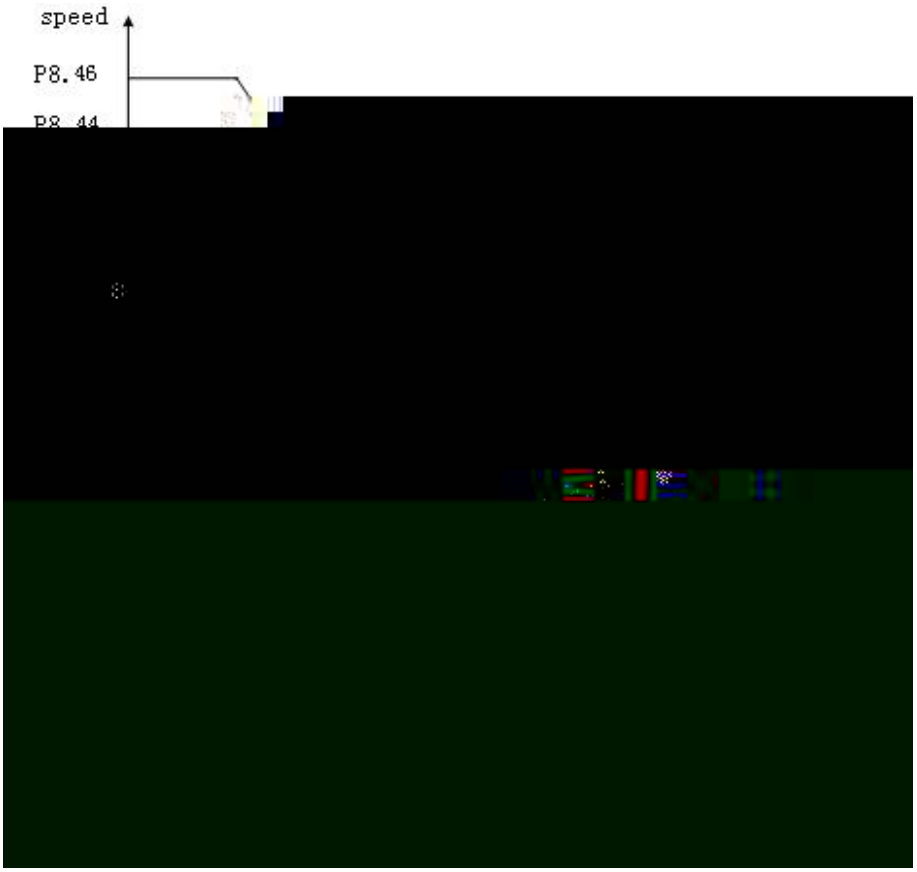
$\frac{(I \qquad)}{3}$ 7.8 16.4 1.414


(%)
P7.50
(Over load
Current II)
P7.48
(Over Load
Current I)
P7.47
(Continuous current)
P7.49
(OL II Time)(OL I Time)

√ P16 20 P7.65

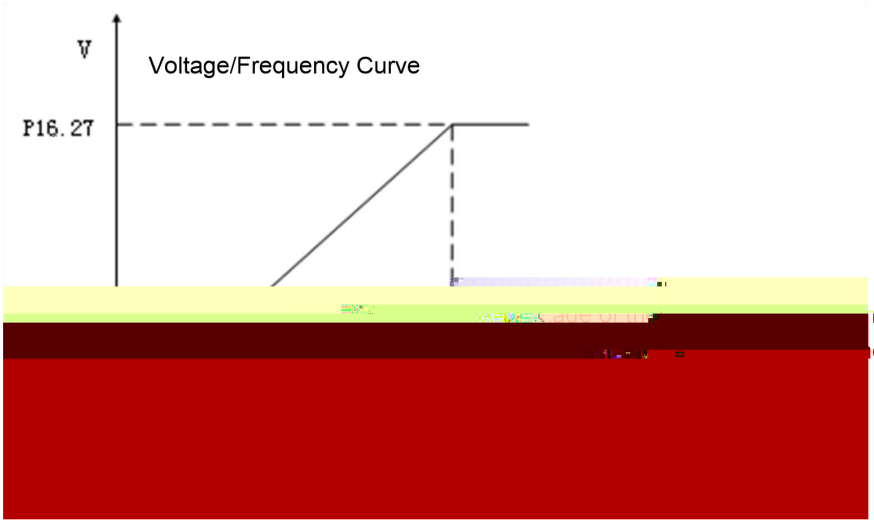

[0] Ramp STOP


Speed
P8. 27
P8. 25
P8. 23
P8. 21
P8. 17
P8. 16
P8. 18
P8. 20
P8. 22
P8. 24
P8. 28
t
F
M-STEP0
M-STEP1
M-STEP2

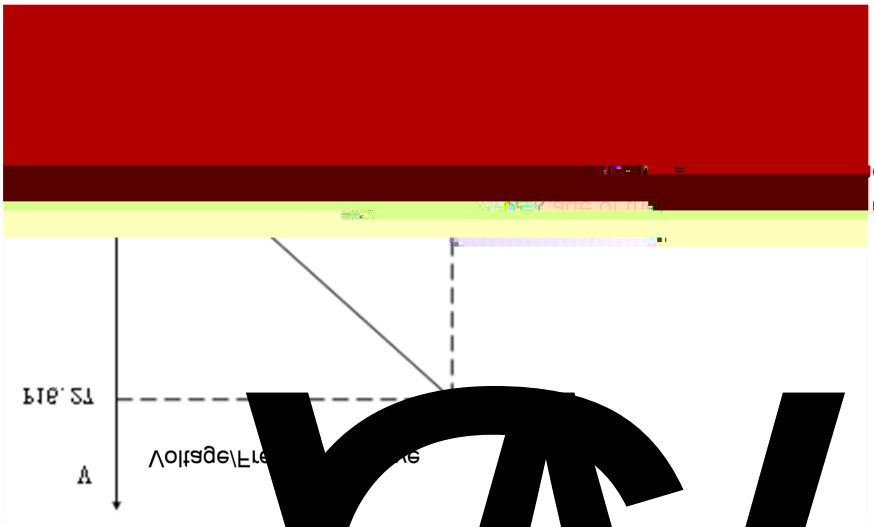

speed
P8.46


Brake hold zone
Brake hold zone
Speed
Time

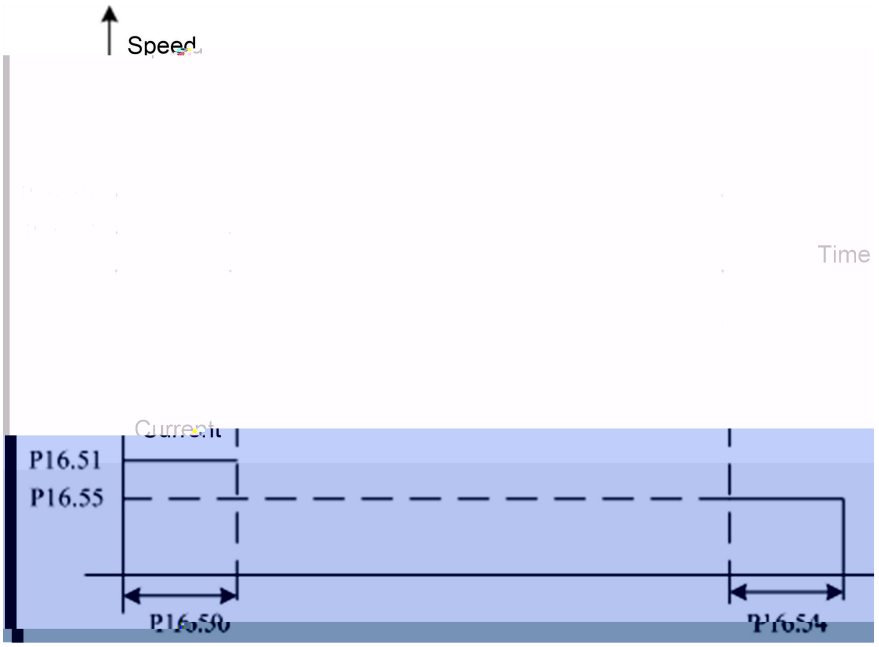
ULHJ

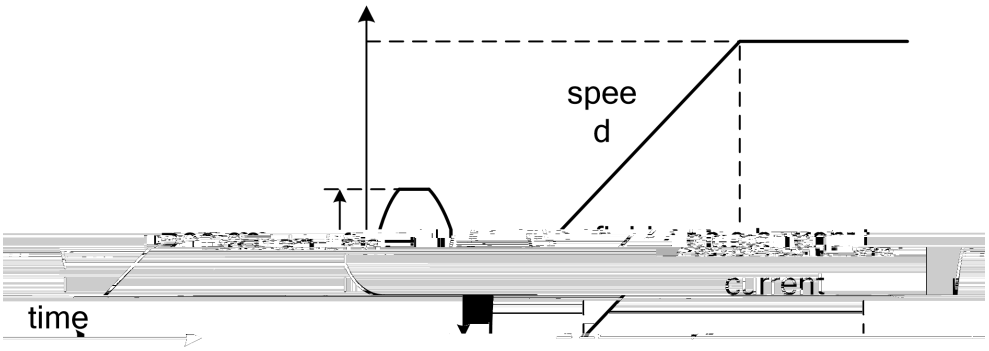


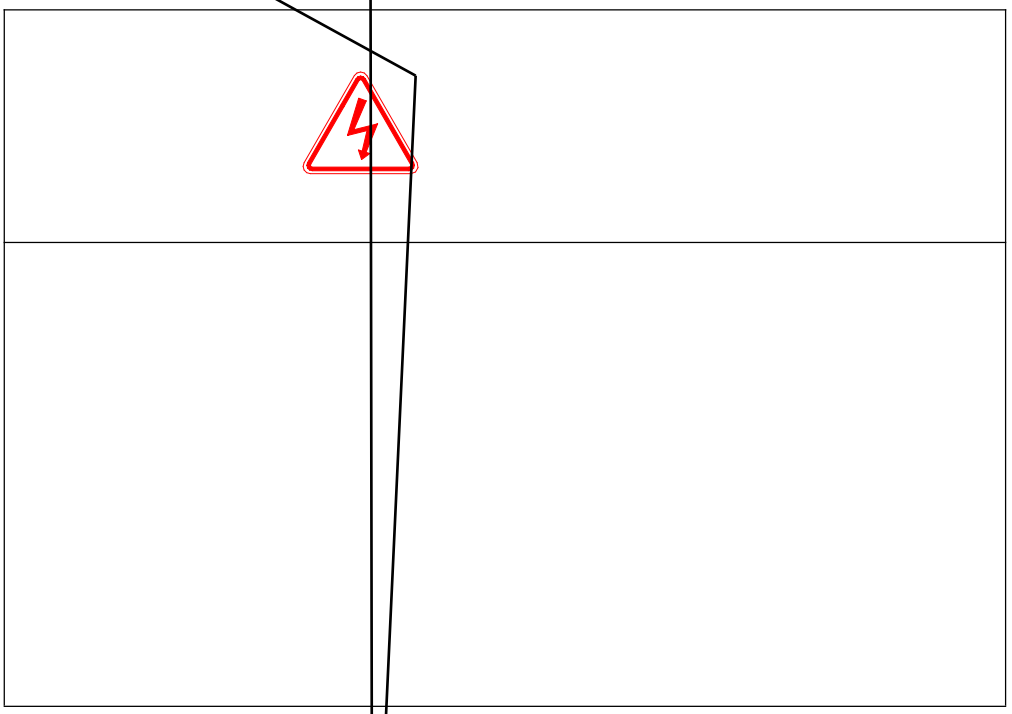
motor rated voltage
e motor rated frequency

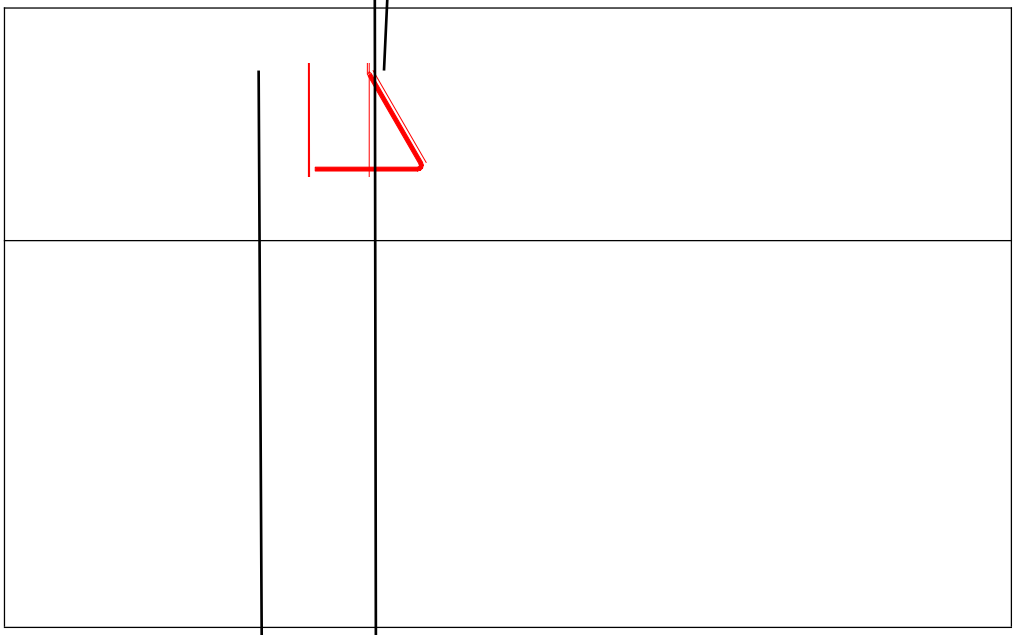


motor rated voltage
e motor rated frequency


Speed
Time
Current
P16.51
P16.55
P16.50
P16.54


spee
d
current
time



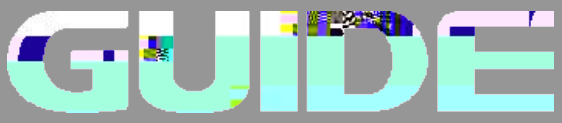


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GUIDE Inverter HF630-L(MT) Series

Technical Manual

Version 1.06



Wuhan Guide Technology Co.,Ltd.

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