# YDJZ-5kVA/50kV

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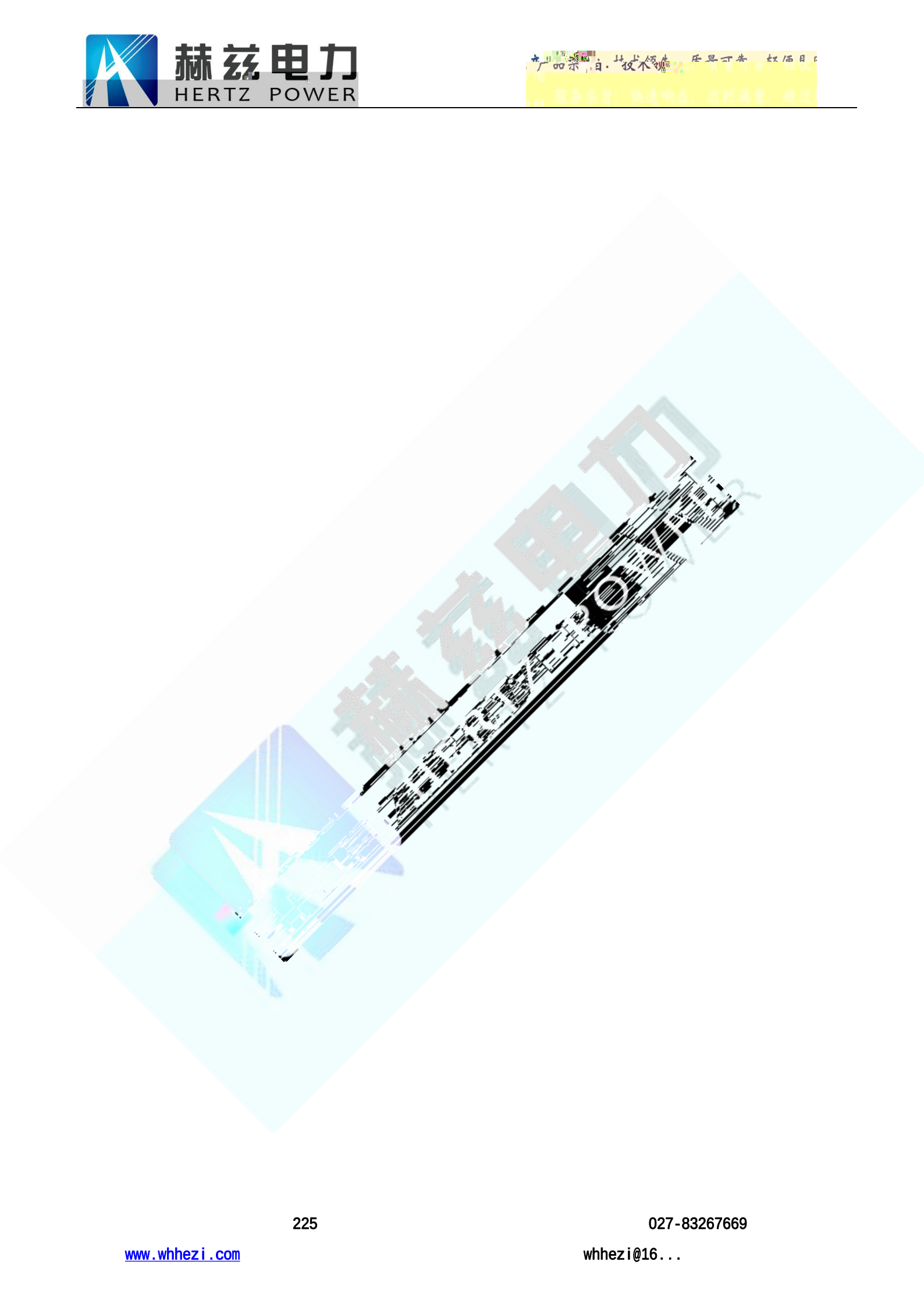
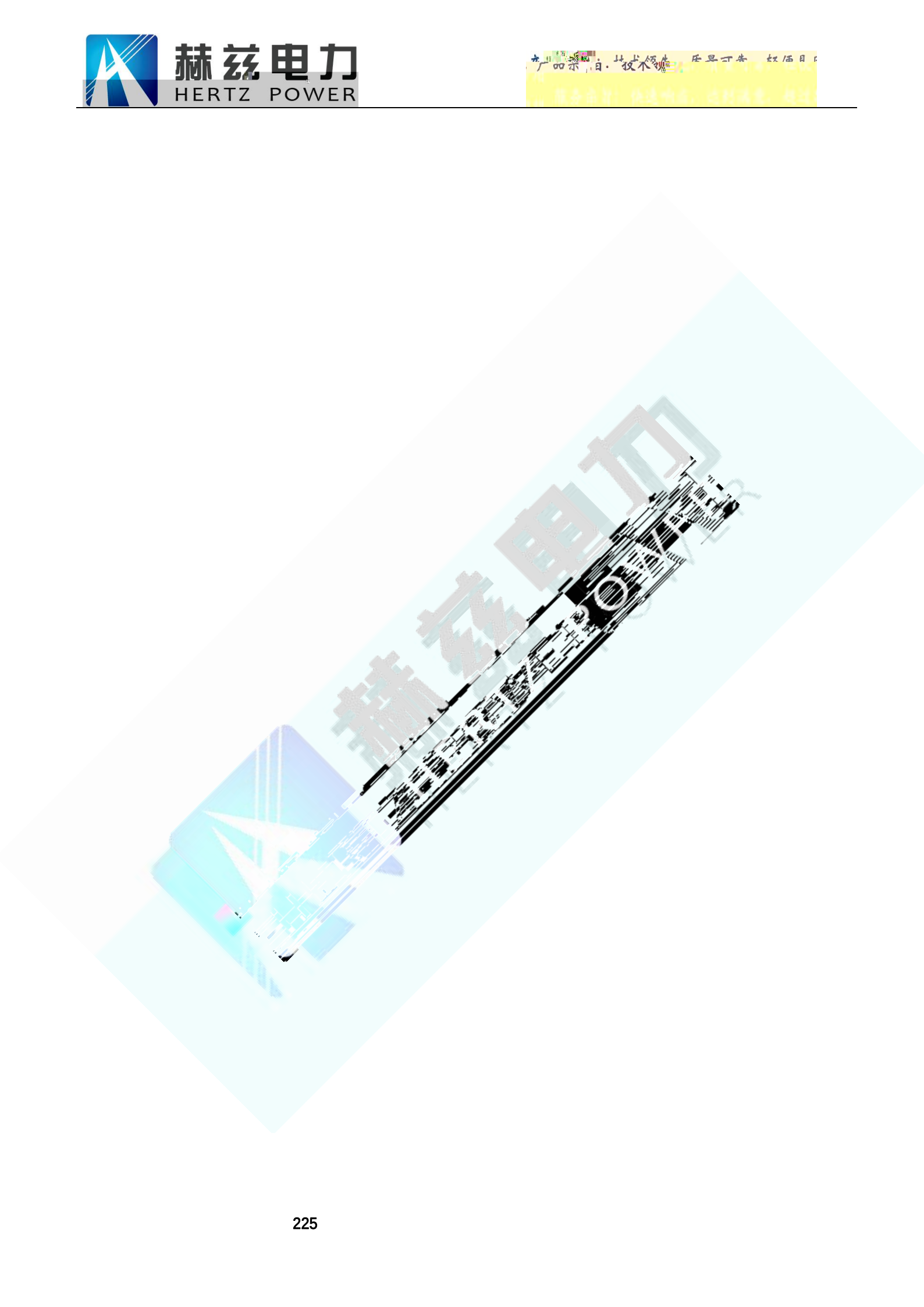




5

A1 C1 A2 C2

a1x1

V A1 C1

4

5

P— (kVA) V— (kV) G1 G2—

5 YDJZ 6

6

R1— FRC— RF— G— CT—

R1

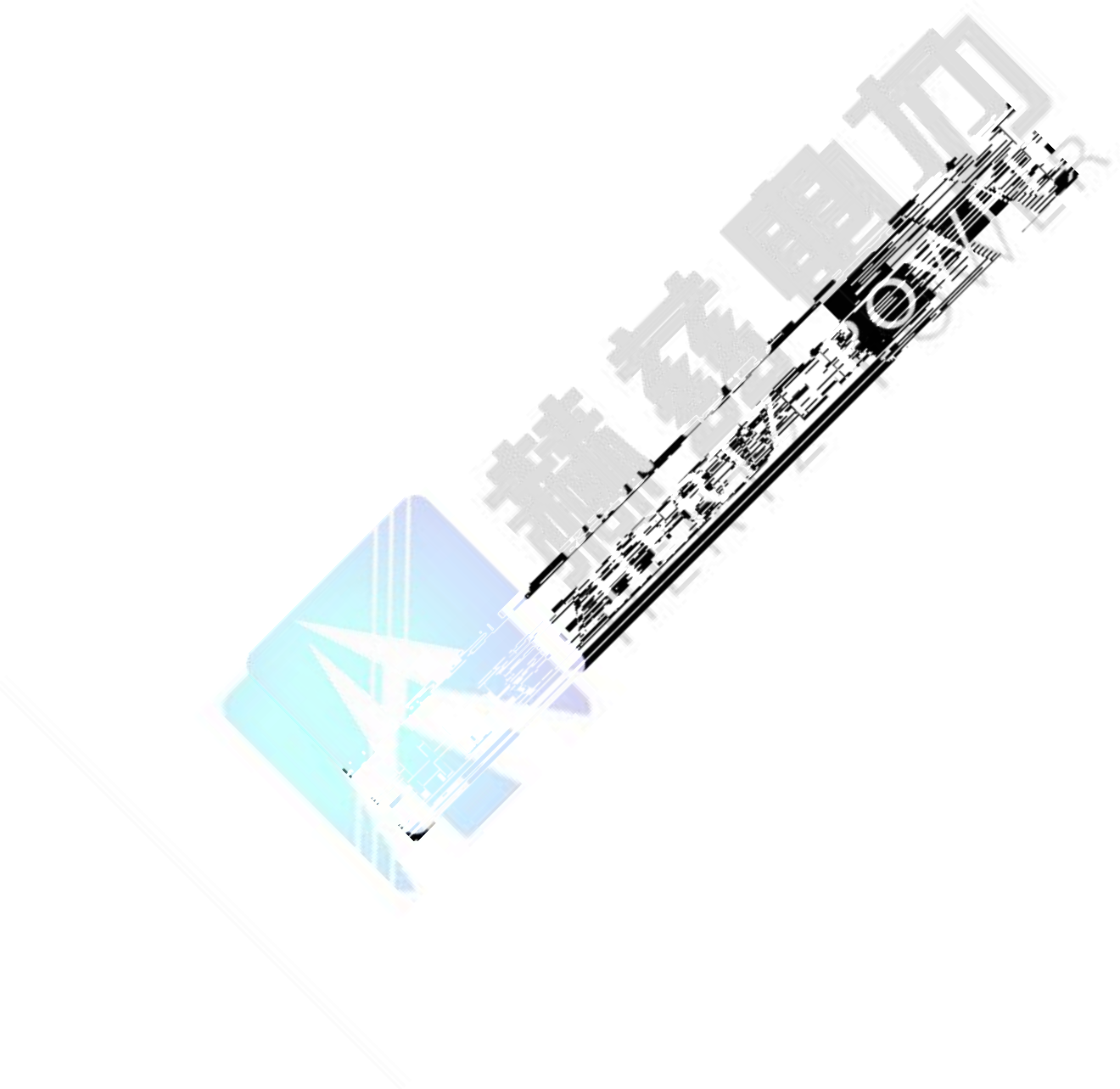
100~300mA 0.5~1Ω/V( ) 1A 1Ω

/V( )

(5) 1min 1/3

(6)

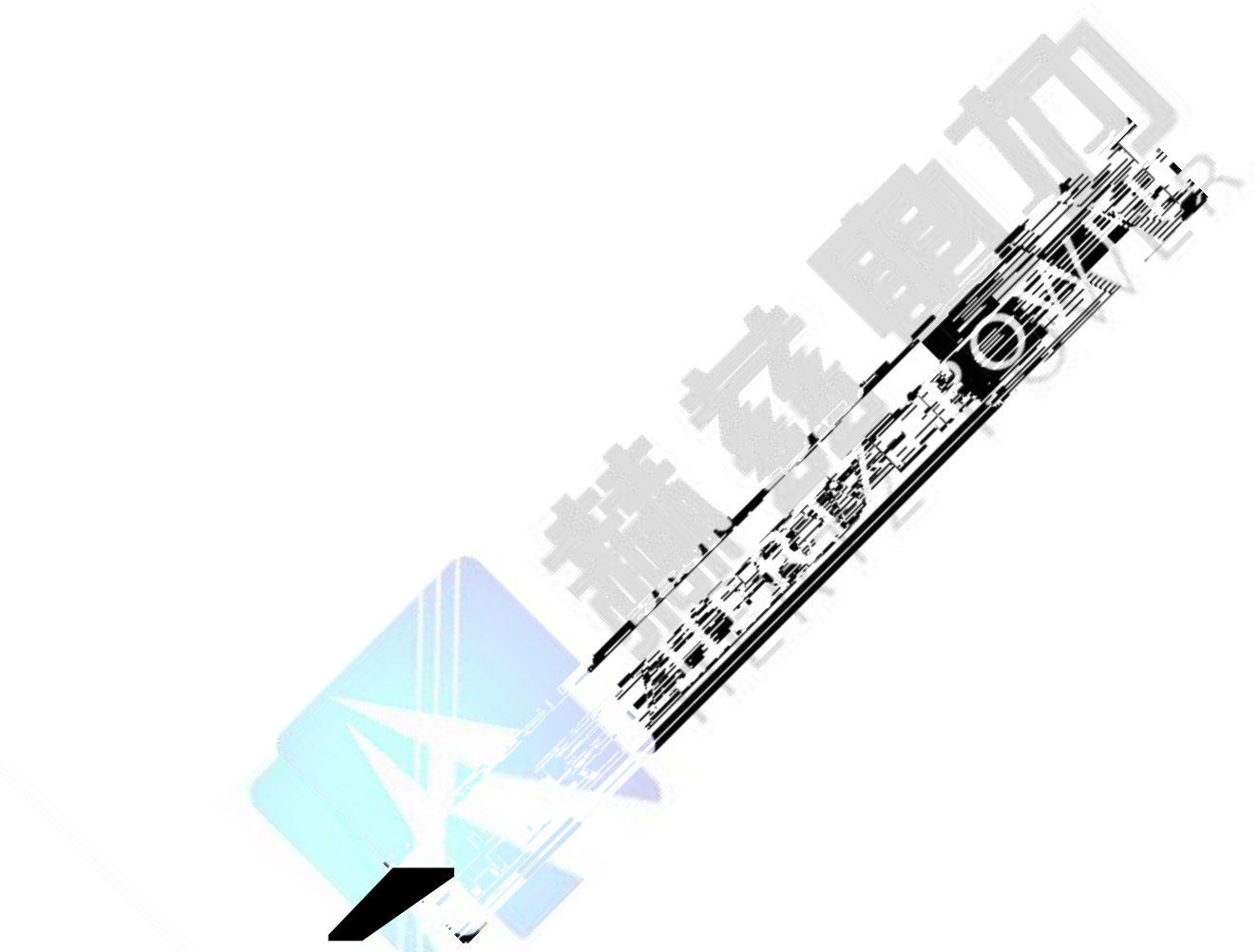
(7)



(3)

(4)

(5)



3. FD—70 140 210kV

4. 2DL—150 300 450kV

5. 50 100 200 300kV

6. 0.01μF~0.1μF 40~100kV

7.

8. Q—50 100 150 200 250 500

9. 400ml

10.

11. 150 300

12.

13. 10 35kV

14. 10 35 110 220kV

15.

Pn Pn=kVn $^2$ ωCt × $10^{-9}$

Pn—— (kVA)

Vn—— (kV)

k —— k≥1 Vn≥1MV k=2 k

Ct—— (pF)

ω—— ω=2πf f——

Ct Ct

100~1000pF

200 ~ 500pF

1000kVA ~1000pF 1000kVA 1000~10000pF

250~300pF/m

~60pF/m

SF6 100~10000pF

Vn ( ) k Vn k

Vn =50~100kV k = 4

Vn =150~300kV k = 3

Vn 300kV k = 2

A

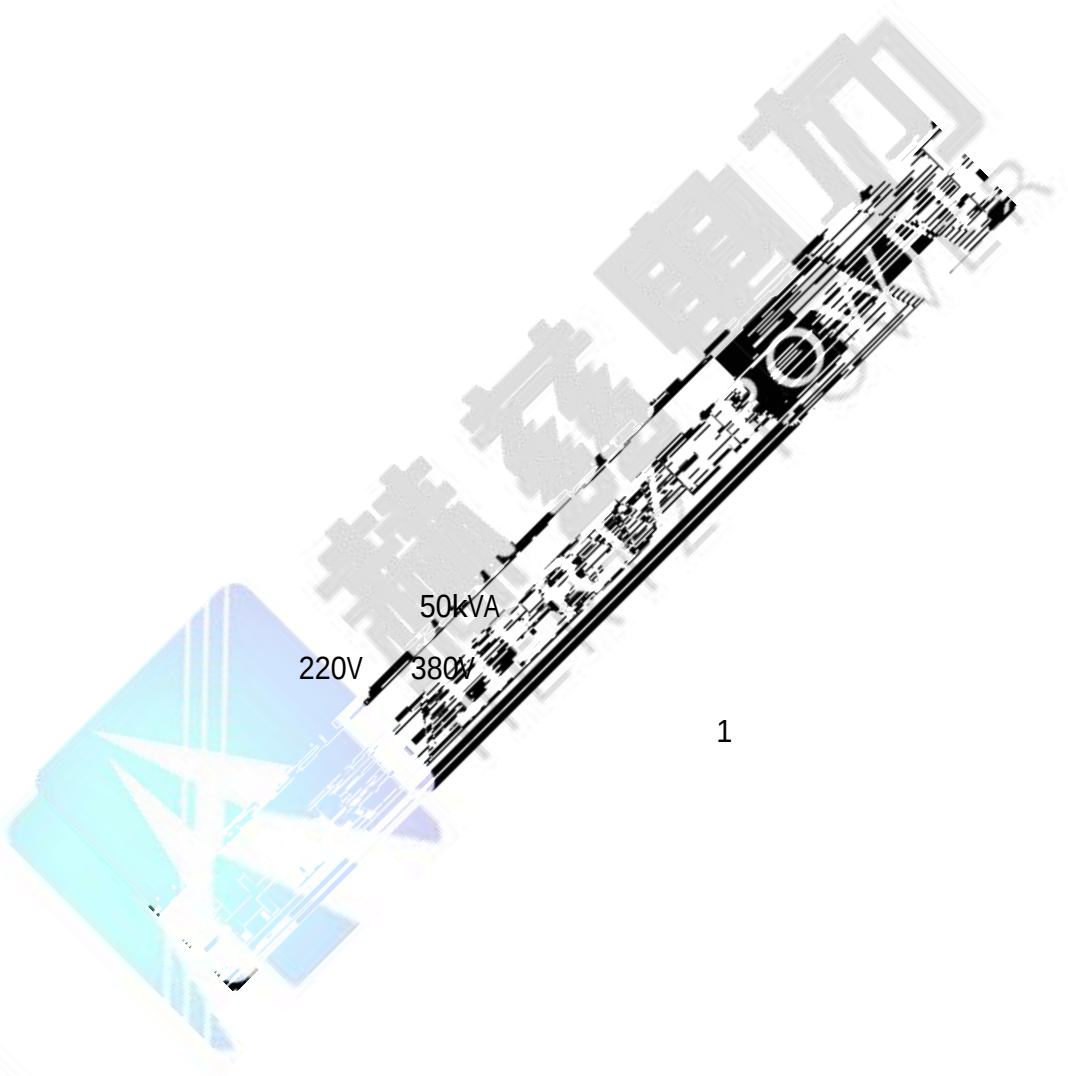
B

C

D

E

**F**

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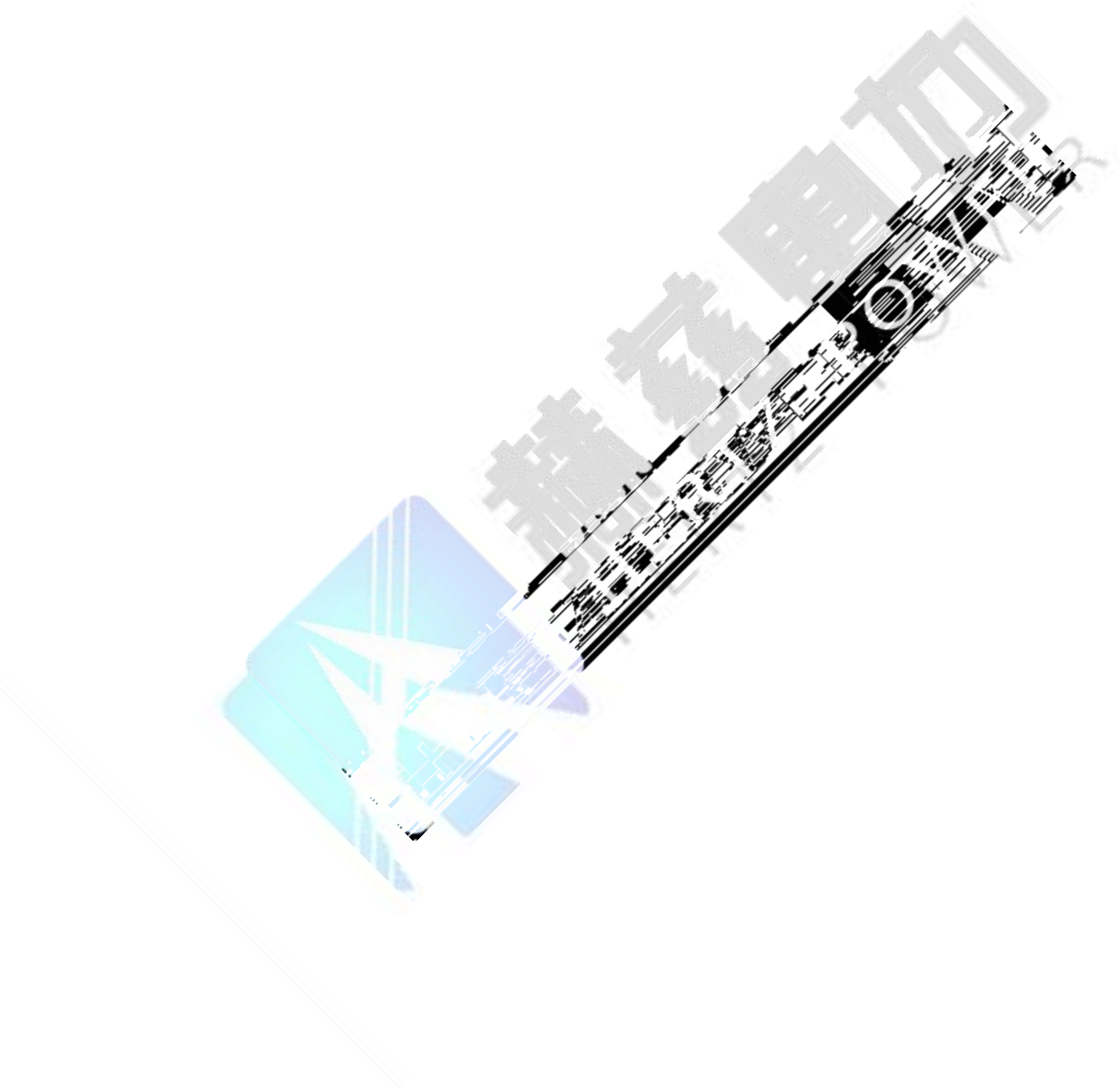


“ DL474.4-92 ” $P_0$=0.75P

$P_0$— P—

$P_0$=P

1

| | kVA | | | | | | mm | kg |
|---|---|---|---|---|---|---|---|---|
| | | | V | Hz | V | A | | |
| HZTC | 3 | 1 | 220 | 50 | 240 | 13.6 | 300*400*220 | 17 |
| HZTC | 5 | 1 | 220 | 50 | 240 | 22.7 | 300*400*230 | 20 |
| HZTC | 10 | 1 | 220 | 50 | 240 | 45.5 | 410*540*680 | 28 |
| HZTC | 15 | 1 | 220<br>380 | 50 | 240<br>430 | 68<br>39 | 410*540*680 | 35 |
| HZTC | 20 | 2 | 380 | 50 | 430 | 52.6 | 410*540*680 | 40 |
| HZTC | 30 | 2 | 380 | 50 | 430 | 78.9 | 470*630*1100 | 65 |
| HZTC | 50 | 2 | 380 | 50 | 430 | 131 | 1020*650*1600 | |

1

5—1

5—2

5—

6—1

6—2　　500V　　0.5MΩ

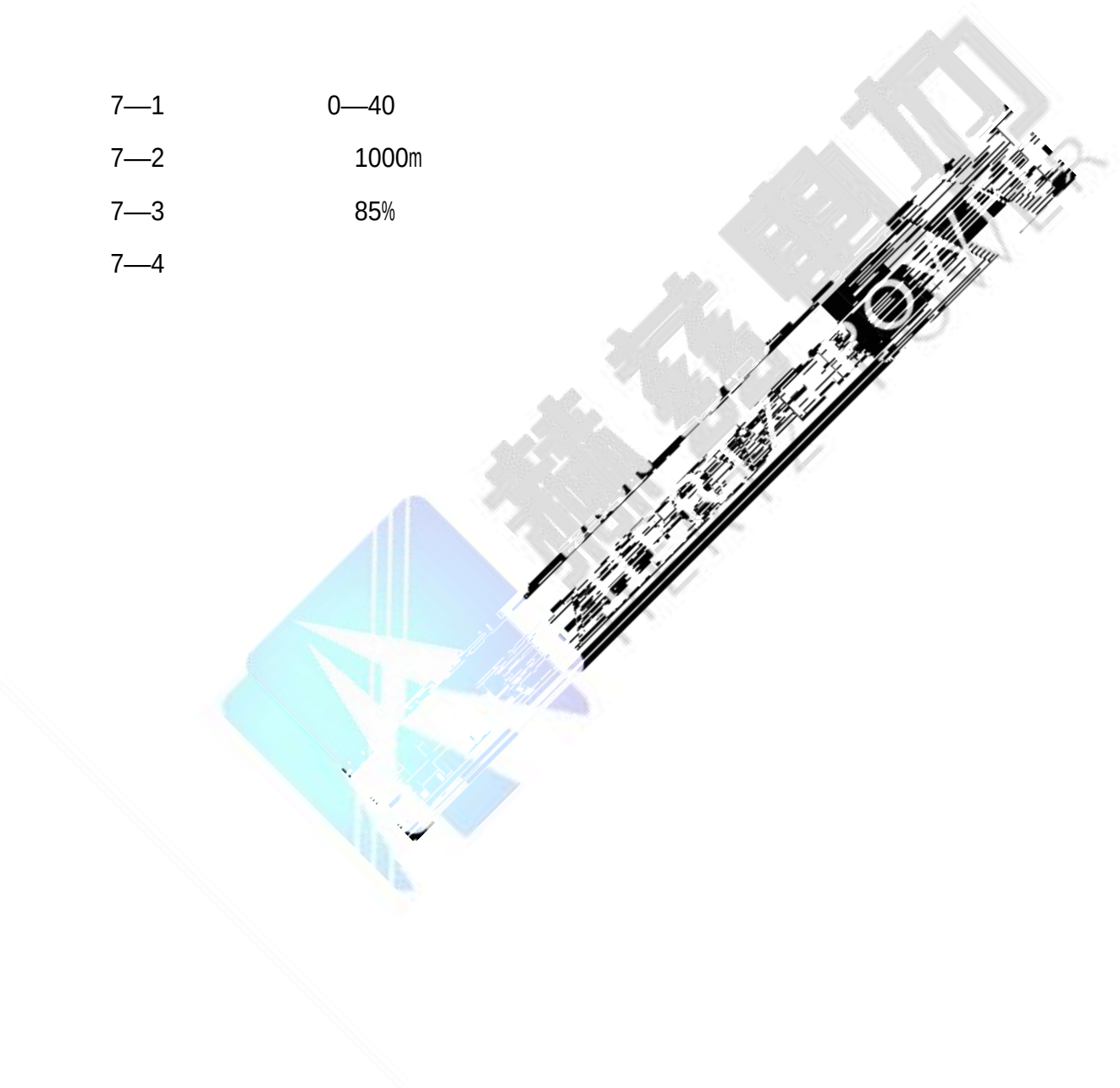
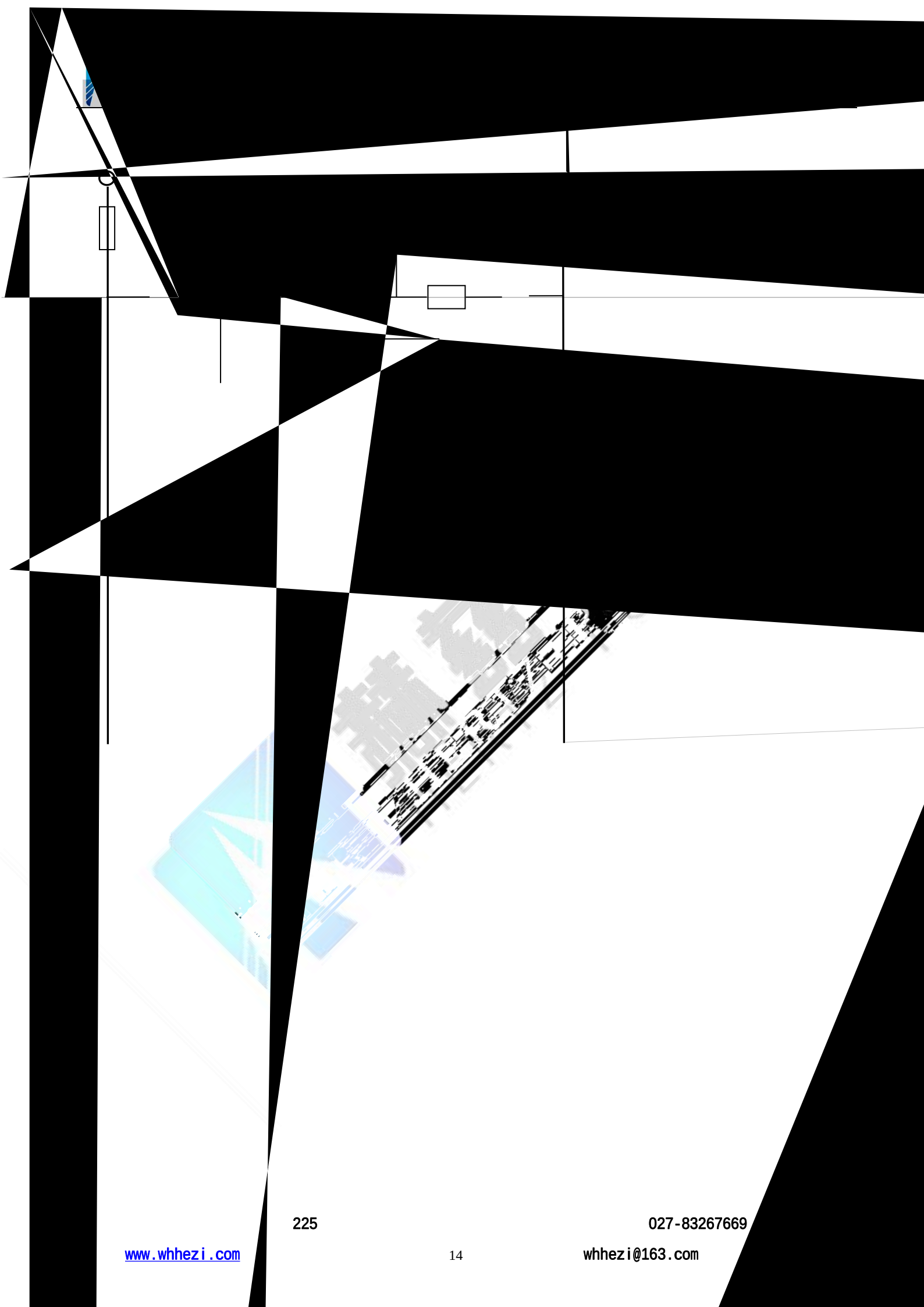
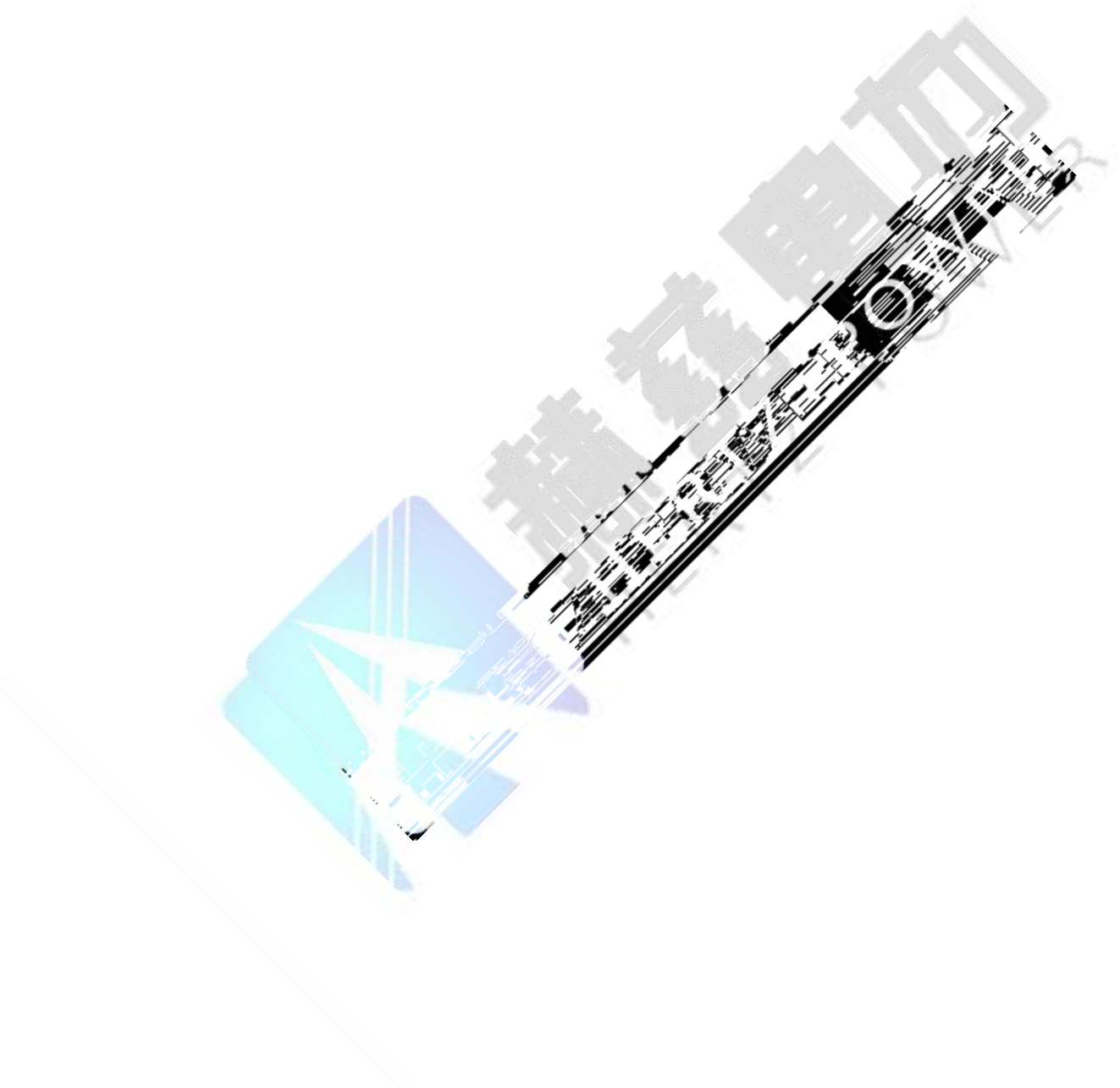
6—3

6—4　　80%

6—5

7—1　　0—40

7—2　　1000m

7—3　　85%

7—4