

—

	.....	5
	.....	7
	.....	8
	.....	8
	.....	11
	.....	12
1	.....	12
2	“ ”	13
3	“ ”	15
4	“ ”	16
5	“ ”	16
6	“ ”	17
7	“ ”	18
8	“ CT ”	18
9	“ ”	19
10.	“ ”	19
11	“ ”	20
12	“ ”	20
13	“ ”	20
	.....	20
	.....	21
	.....	22
	.....	23
	.....	23
	.....	24
	.....	25
	.....	25
	.....	26
	.....	26

1

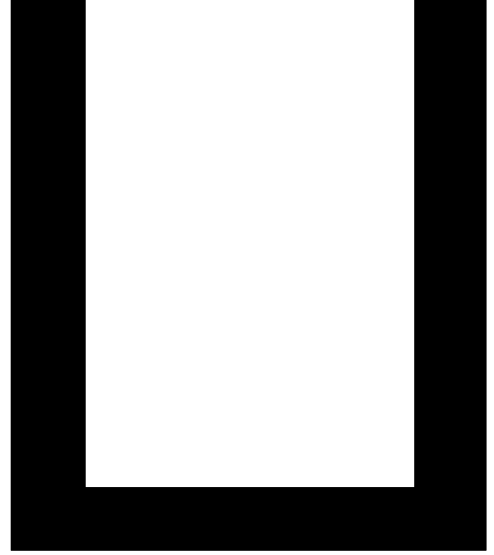
2

3

4

5

6



10

11

12

1

18

13

USB

14

15

16

17 3

18

19

10

20

1

0 800V

5A/25A

100A/500A

400A/2000A

1000A/5000A

0 359.99 °

45 55Hz

U_A U_B U_C

I_A I_B I_C

63

1

m

2

$\pm 0.2\%$

$\pm 0.01\text{Hz}$

$\pm 0.5\%$

$\pm 0.2^\circ$

≤ 0.5 F.S.

: ≤ 1 F.S.

$$\leq 0.2^\circ$$

$$\leq 0.1$$

$$\leq 0.2$$

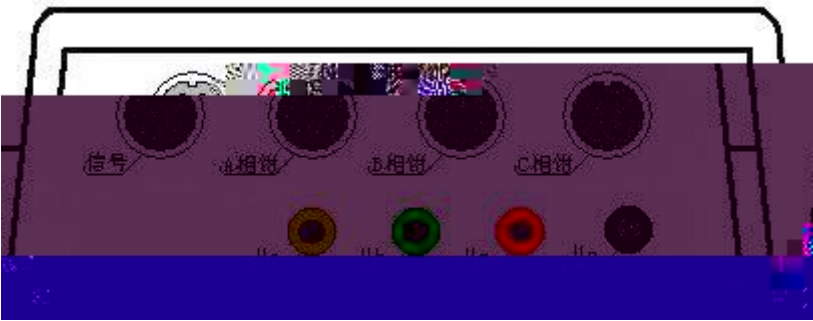
$$\leq 0.2$$

$$\leq 0.2$$

I



USB

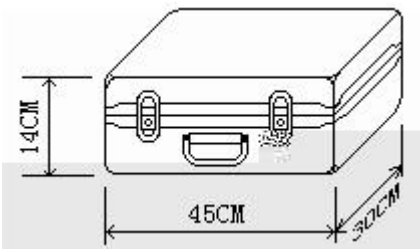
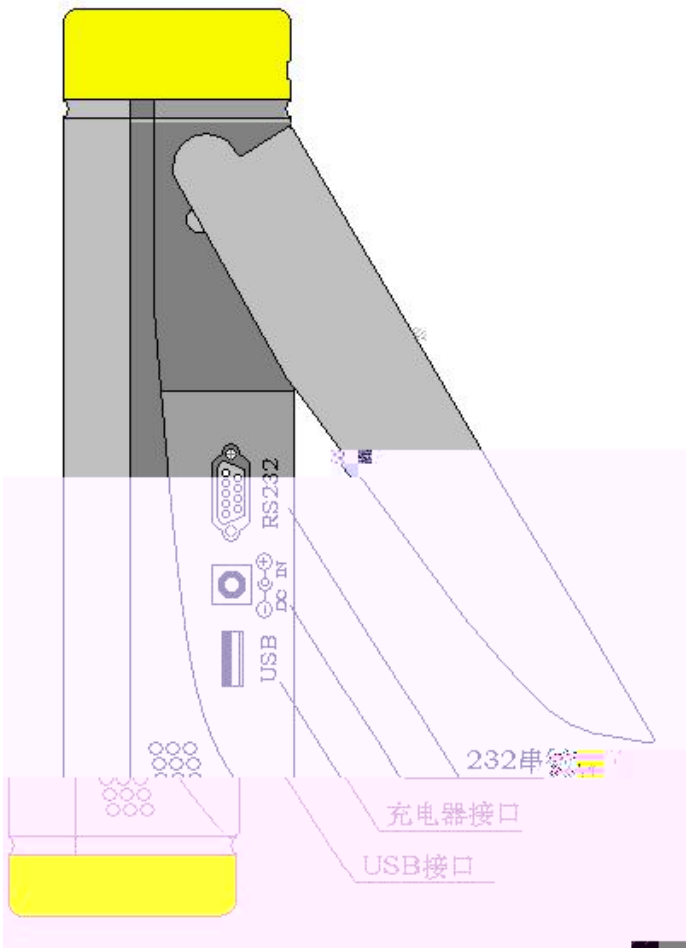


U_A U_B U_C U_N

A

B C

#q#e#o



30

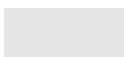
↑ ↓ ← →

1 2 ABC

3 DEF 4 GHI 5 JKL 6 MNO

7 PQRS 8 TUV 9 WXYZ 0

F1 F2 F3 F4 F5



2

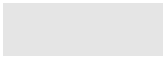
“ ”



~

𐀀 𐀁 𐀂

‡ > ® 0 †



F1 F2 F3 F4 F5 Ö



“ ”

2 “ ”

PT CT

PT



CT

5A

25A 100A 500A

400A () 2000A

6



10 35 110 220kV

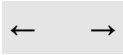
0.38 6



/

1

5



“ ”

“ ”



3

“

”



P_h

Q_h

S_h

U_o

I_o

U_1

I_1

U_2

I_2

#U #i

F1

F2

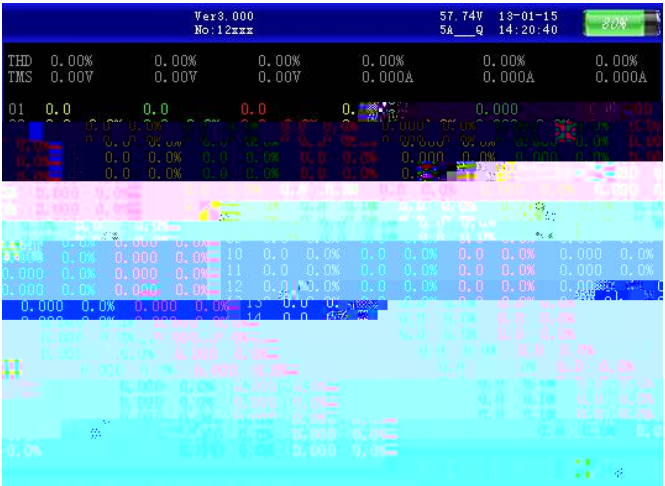
F3

F4



4 “ ”

A B C A B
C THD



RMS

01

1-63

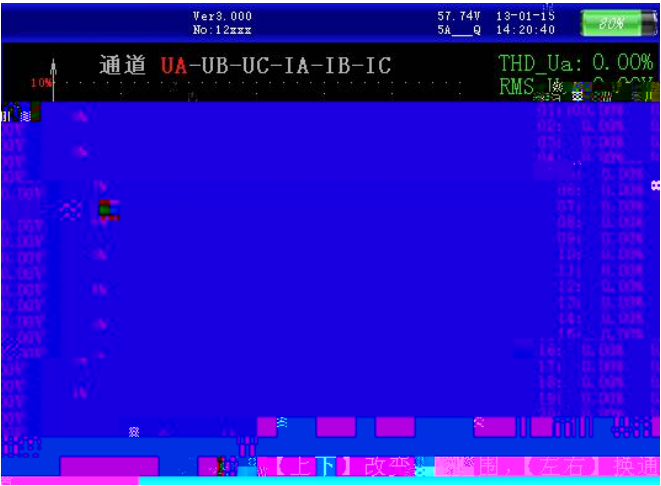


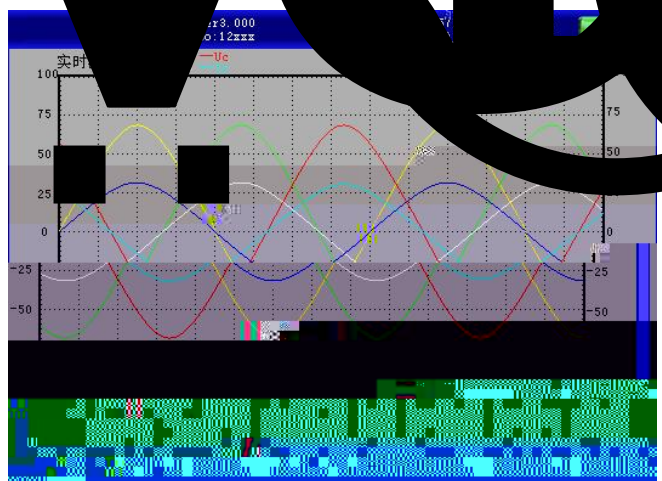
01 21

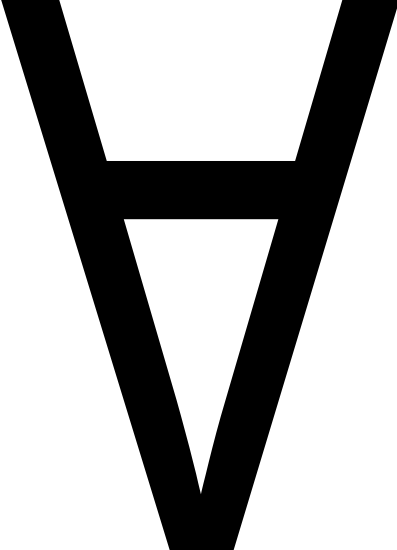
22 42

43 63

F1







”

U_a

U_{ab}



F1

F2

8 “CT

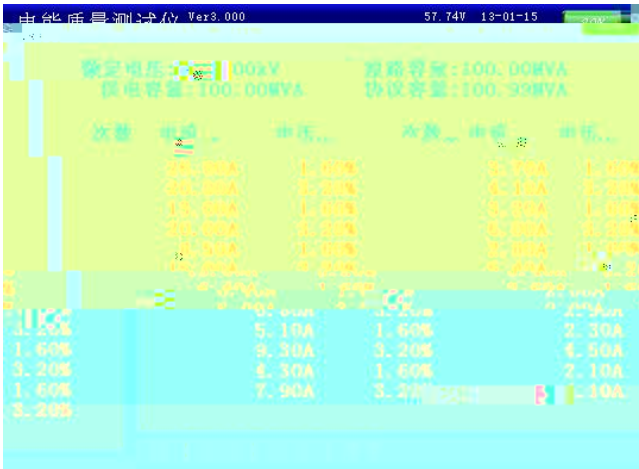
”

CT

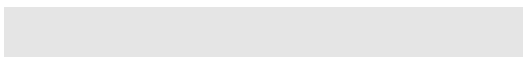
C -v0Q=“54. R” 0 P yD3 P\$1C #q

I A v ,





N



1

2

$\pm 2\%$

3

1

2

A

A A
 B N B
 C C A C
 A C

“ ”

1

PT

CT

2

“ ”

1

1 32

1 64

I

Θ I

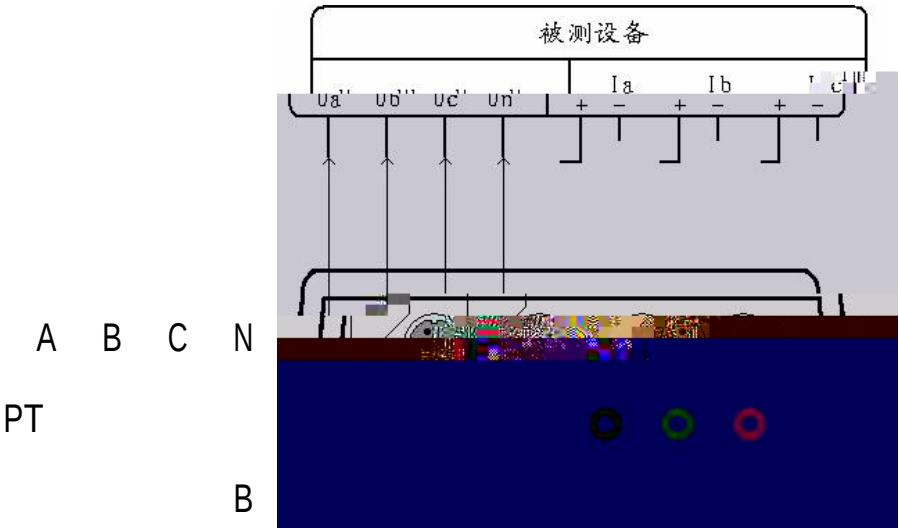
2

“ ”

1

2 64

2



Un

“ ”

1

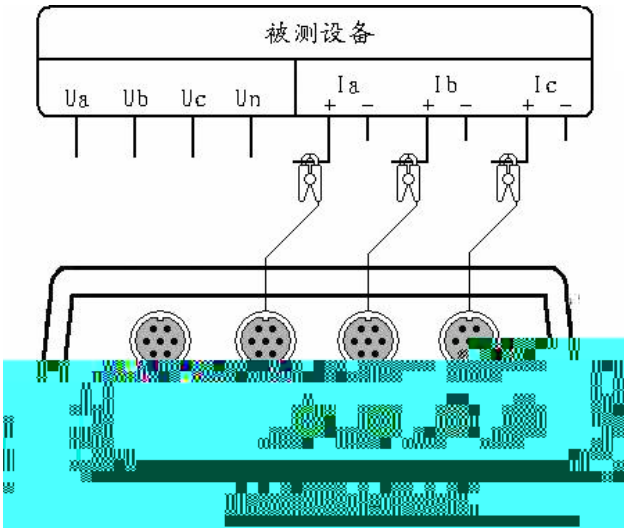
2 64

2

A B C

A B C

A C



“ ”

1

3 3U0

U_0 U_1 U_2 u
3 3I0 I0 I1
 I_2 i

2

2

3

4

5

6

7

8