

HUANAN ENERGY CO., LTD.

100% 100% 100%



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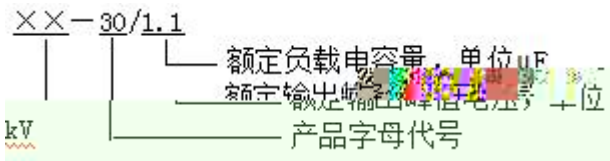
100% 100% 100%

100% 100% 100%

100% 100% 100%

3
4
4
5
5
6
9
10
11
11
12

1



2

1

30/1. 1	30kV	0.1Hz, $\leq$	10A		4
		1.1 μF			
		0.05Hz, $\leq$ 2.2 μF			
		0.02Hz, $\leq$ 5.5 μF			
40/1. 1	40kV	0.1Hz, $\leq$	10A		4
		1.1 μF			
		0.05Hz, $\leq$ 2.2 μF			
		0.02Hz, $\leq$ 5.5 μF			
50/1. 1	50kV	0.1Hz, $\leq$ 1.1 μF	15A		4
		$\leq$			
		$\leq$			
		$\leq$			

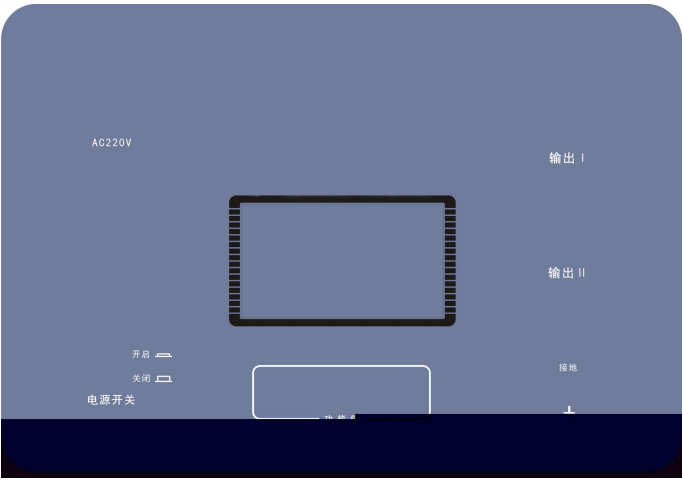
[illegible]

20ms

4.
5.

- 1.1
- 2.0.1Hz0.05Hz0.02Hz
- 3.0.1Hz1.1μF
0.05Hz2.2μF
0.02Hz5.5μF
- 4.3%
- 5.≤3
- 6.≤5
- 7.-10+40≤85RH
- 8.1
- 9.50Hz220V±5%
- 50Hz220V±5%3KW800W

1.



1

1

“ ”
“ ”

“ ”

“ ”

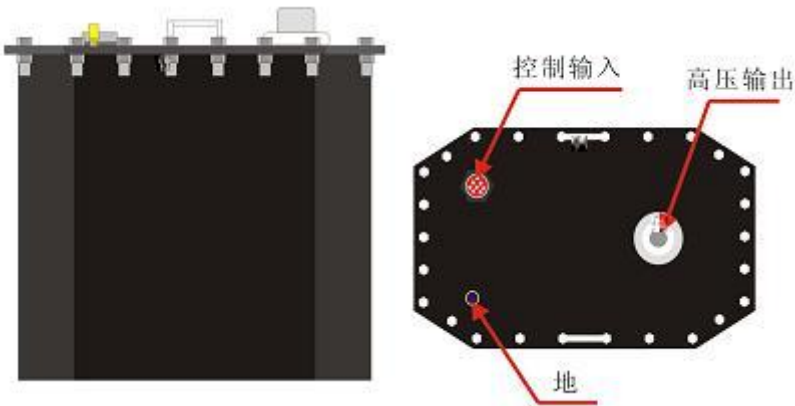
“ AC220V ”

“ ”

“ ”

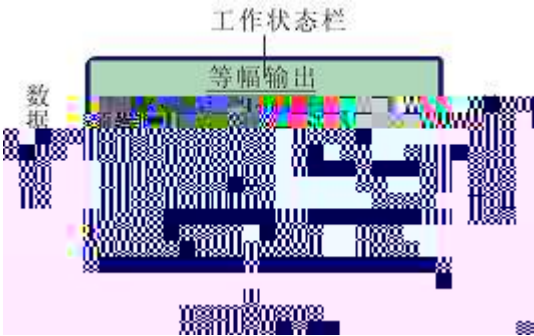
“ ”

2.



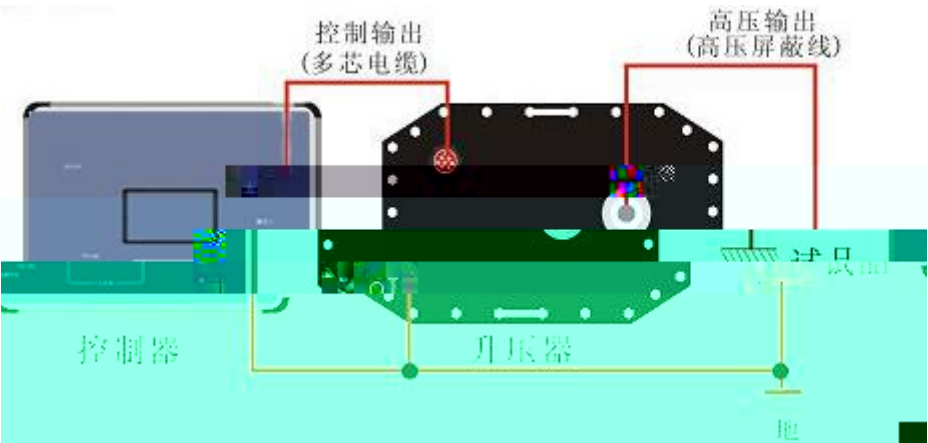
2

3.



3

1.



4

4

50Hz/220V

2.

(1)

5

1

(2)



5

5

“ ”

“ ”

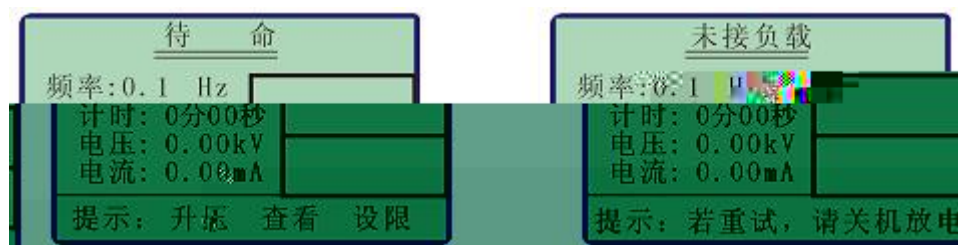
0.1 0.05 0.02 Hz
0-99
0 kV
0 mA

0 kV

3

“ ”

6



6

7

“ ”

“ ”

5

“ ”

4

6

→ → →

7

“ ”,



8

9

8

8 “ ”

“ ”

“ ”

“ ”

5

1

2

3

max 3 0 0 10kV
0 $10 \div \sqrt{3}$ kV 5.774kV max 3 0

17.32kV

4

60

5

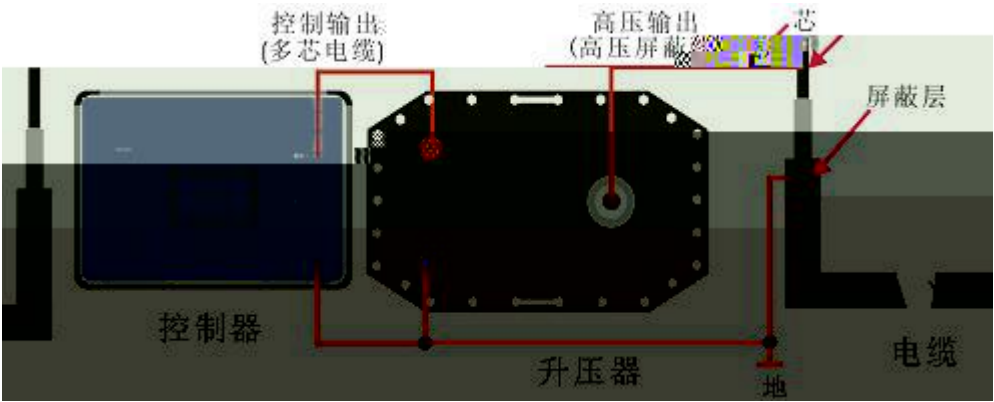
6

13

7

8

9



13

1

0.1Hz

2

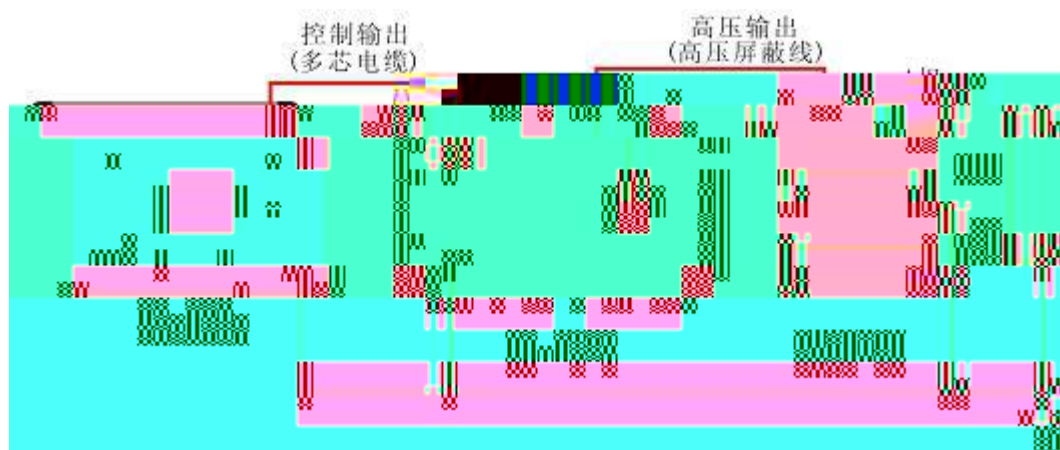
14

3

$$\begin{aligned}
 & \max \sqrt{\beta} U_0 \\
 & \max \quad 0.1\text{Hz} \quad \text{kV} \\
 & \beta \quad 0.1\text{Hz} \quad 50\text{Hz} \quad , \quad 1.2 \\
 & \quad 1.3 \quad 1.5 \quad 1.5 \\
 & o \quad \text{kV} \\
 & \quad 13.8 \text{ kV} \\
 & \max \sqrt{\beta} \times 1.2 \times 1.5 \times 13.8 \approx 35.1(\text{kV})
 \end{aligned}$$

4

5



14

1

2

1,
2,
3,
4,
5,
6,
7,
8,
9
10

1
1
2
1
1
1
1
1
2
2

.

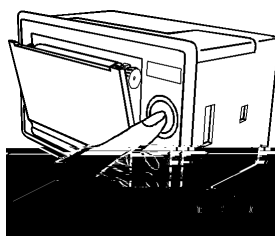
SP-EF

A

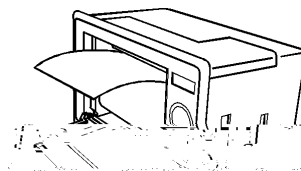
B

C

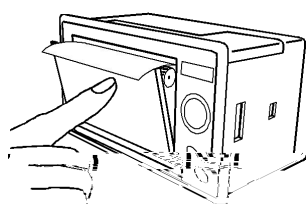
,



A



B



C