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2022 -2026

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## **(一) 产业链关键核心技术攻关**

**1 72.5kV**

**C-GIS**

66 kV

72.5 kV

C-GIS

APG

IP67

IP54

C-GIS

1450\*2400\*2400 mm

0.06 MPa

72.5 kV

1250 A

25 kA\31.5 kA

25 kA\31.5

kA

C4H

IP67

IP54

3

GB/T3906

GB/T7674

3000

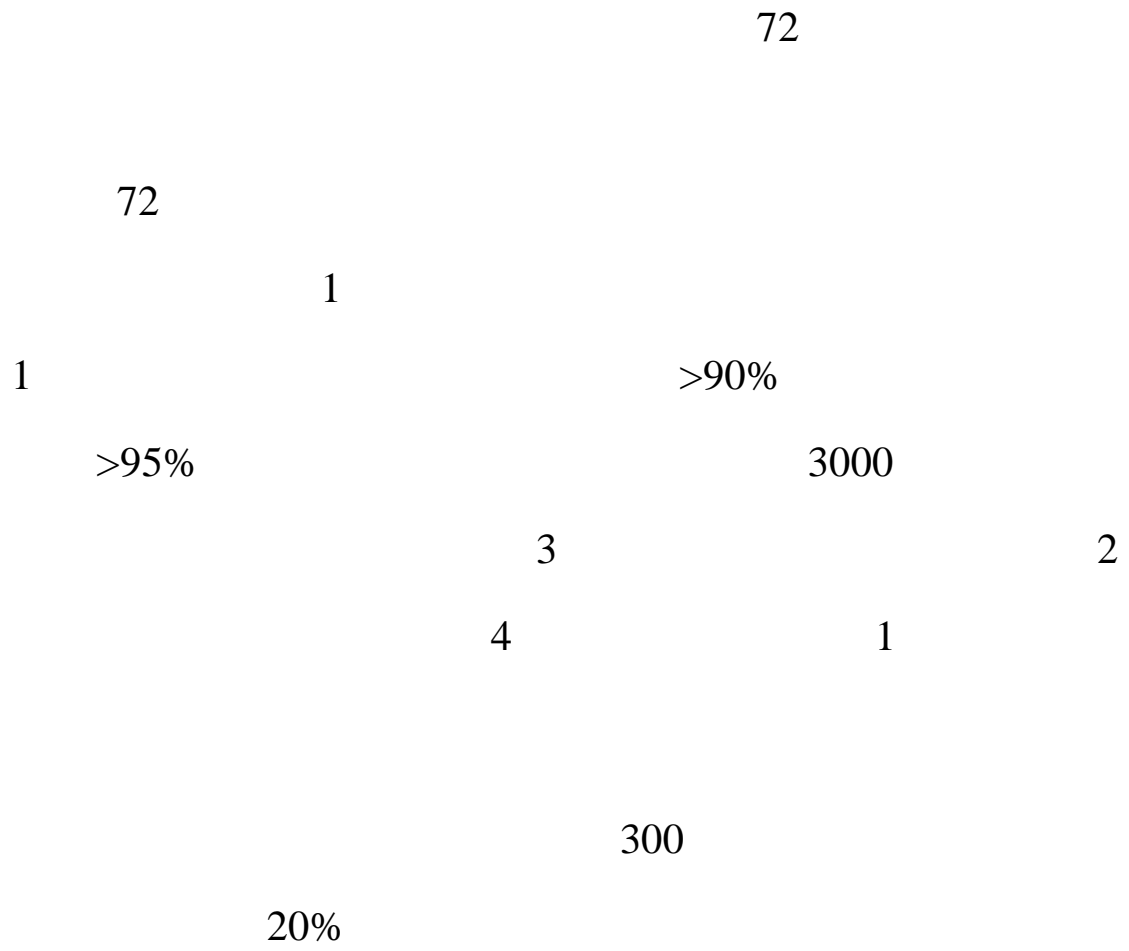
3

2

300

20%

2



3

$\geq 72.5$  kV

$\geq 500$  m

$\geq 15$  MPa

3000

3

3

4

- -

10~200 Hz

6 dB

400 N

0.5%

1000 Hz

3000

5

3

500

20%

5

- -

-

12s

$\leq 200$  mm

$\leq 200$

$\leq 65$

kW/m<sup>2</sup>

$\leq 17\%$

1100×600×50 mm

≤85

kPa

≥680 kPa

2

3000

3

2

300

20%

**6**

1800 L/min  
750 kW  
rpm

35 MPa  
70000 ml/r  
3000

0.5~800

5

3

20%

500

7

CMOS



( ) 10 Krad

-40°C~+55°C

-50°C~+70°C

MTF

0.3

MTF 0.15 0.18

8

3000

3

3

300

20%

kg

$\geq 20$  kg

$\geq 120$  h

$\leq 100$

$\leq 5$  m/s

300

3000

5

5

500

20%

**9**

LNG

LNG

	1.2 mm	$\leq 0.06$ mm	
<100 $\mu$ m		0.3 mm	300 mm
$\leq 0.5$ mm	3	$\leq 1$ mm	
	3000		
3		3	
		500	
	20%		

**10**

$\geq 600 \text{ Wh/L}$                        $\geq 350 \text{ Wh/kg}$   
 $\leq 8 \text{ cm}$                        $\geq 10000$   
 $\geq 85\% @ 80\%$                       1000                       $-20^\circ\text{C}$   
 $80\% @ 0.2\text{C}$   
 $-20^\circ\text{C} \sim +50^\circ\text{C}$                       3000  
8                      5  
500  
20%

## (二) 前沿引领技术攻关项目

11

	3	$\geq 95\%$
$\leq 2\text{min}$		3
3		

100

EPS

1	120 g/L	90%
	90%	90%
1		3
	4	
	100	
30%		

CPG

$\pm 0.1m$

$\pm 3^\circ$

0.5

5

5

5

5

100

30%

