

ZG-dSVG



V1.2

ZG-dSVG

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ZG-dSVG

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ZG-dSVG

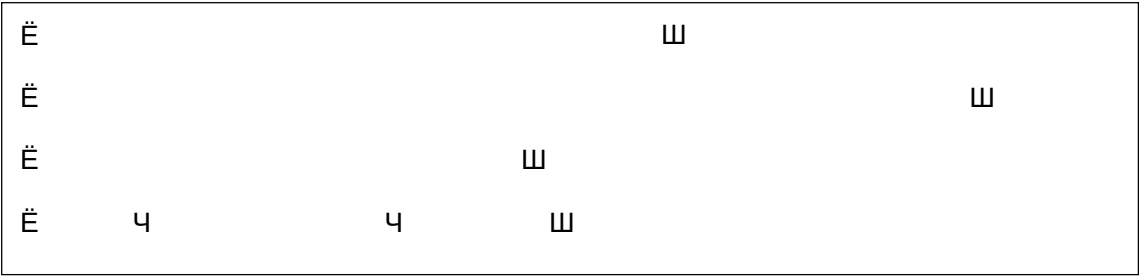
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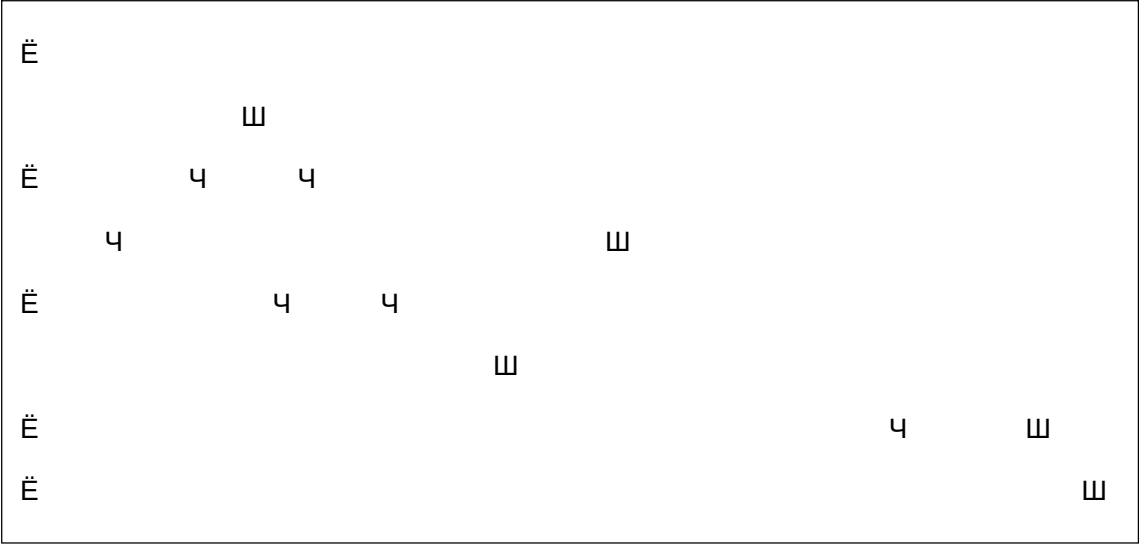
1		1
1.1		1
2		4
2.1		4
2.2		4
2.3		5
2.4		6
3		7
3.1		7
3.2		10
4		15
4.1		15
4.2		15
4.3		17
5		19
5.1		19
5.2		19
5.3		19
5.4		20
6		21
6.1		21
6.2		22
6.3		23
6.4		24
7		25
8		28
8.1		28
8.2		28
8.3		28
8.4		28
8.5		29

ZG-dSVG

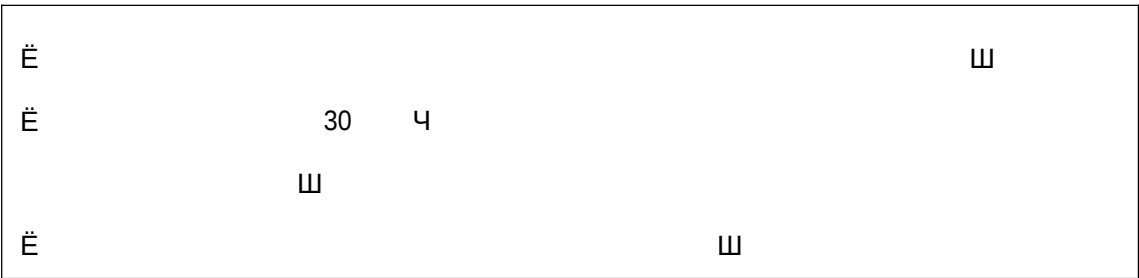
ZG-dSVG

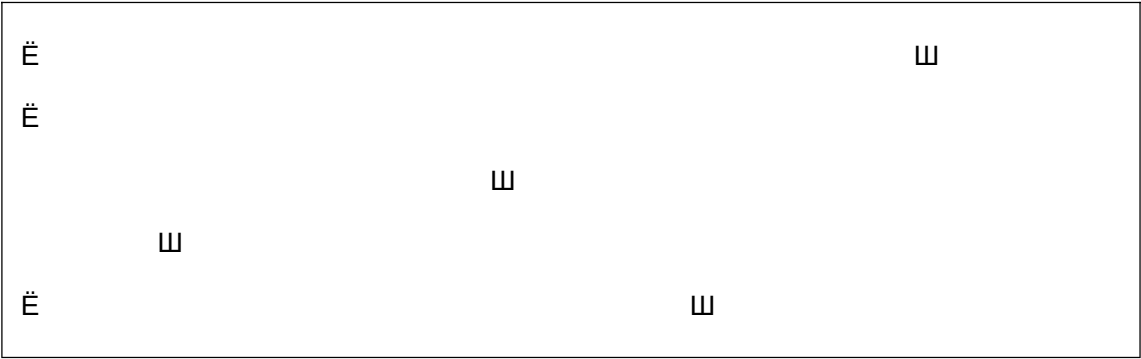


1.1.4



1.1.5





ZG-dSVG

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2.1

1)

-15 45 , 5K/hЩ

2)

90%(20)Щ 5%/h,
Щ

3)

, Щ

4)

1000m 1000m Щ

5)

: 2Hz 9Hz <0.3mm
9Hz 200Hz, 5m/s²Щ ,
Щ

6)

a -20% +15%

b 20kVA Щ

2.1

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2.2

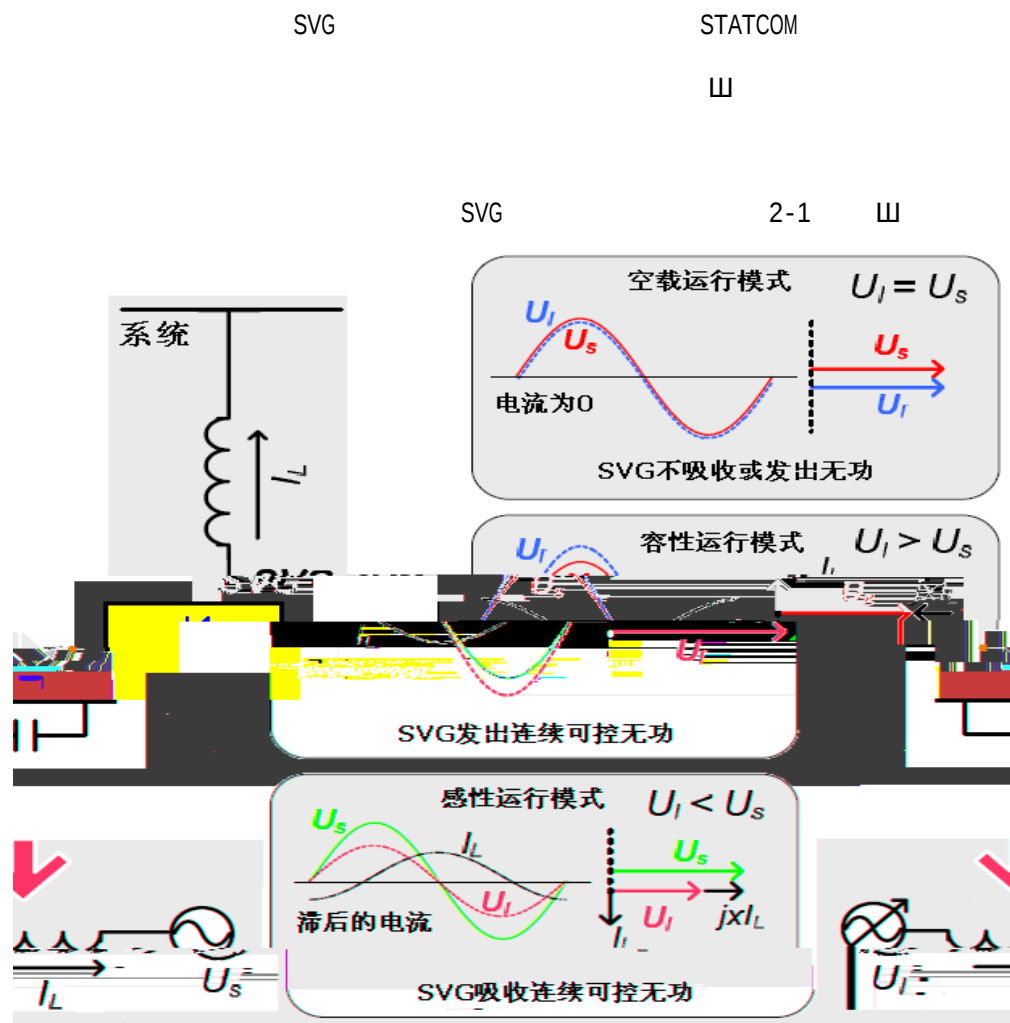
1 6kV Ч 10kV Ч 35kV

2 1—20 MVar

3

4		<5ms
5		<3%
6	SVG	>99%
7		<1000m

2.3



2-1SVG

2-1

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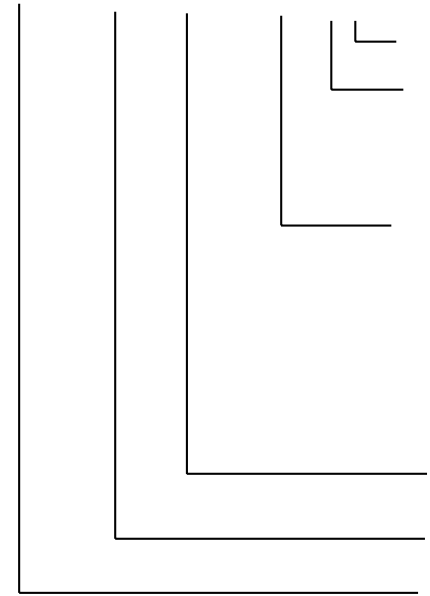
$$I_1 = (U_s - U_1) \div jX_L$$

2-1

2.4

ZG-dSVG

ZG-dSVG- □□□□□/□□□/□□□

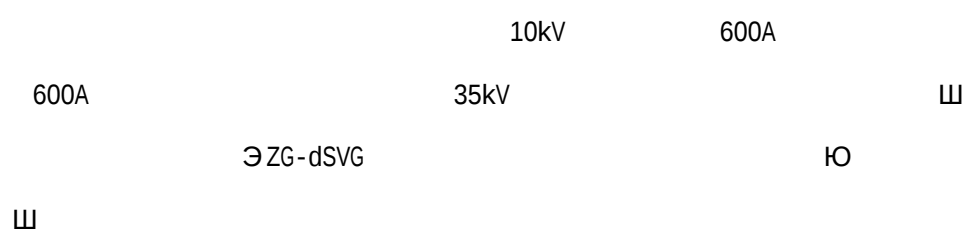


- A-Z 0-9
- Й У Ё Ъ Ы Ь
- Й У Ё
- 03 3kV
- 06 6kV
- 10 10kV
- 35 35kV
- kVar
- n H n H

10kV ± 2000kvar 12 H Й Ё

A10 ZG-dSVG-12H 2000/10Y/A10Щ

ZG-dSVG

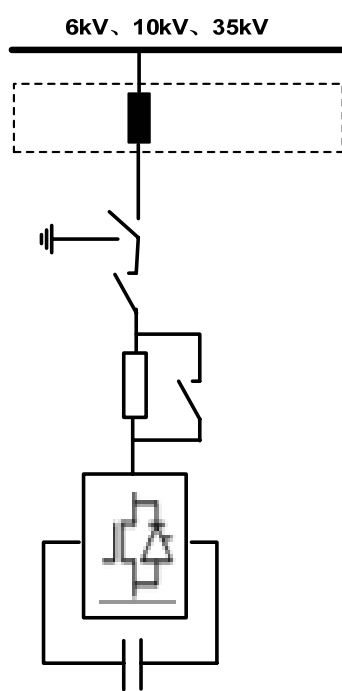


3

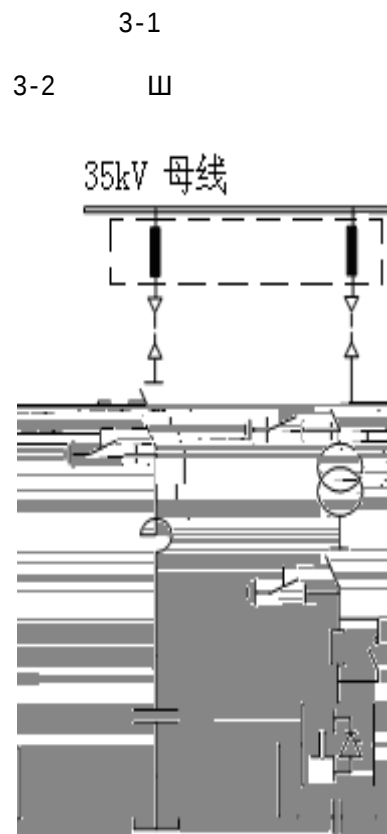
3.1

ZG-dSVG

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3-1

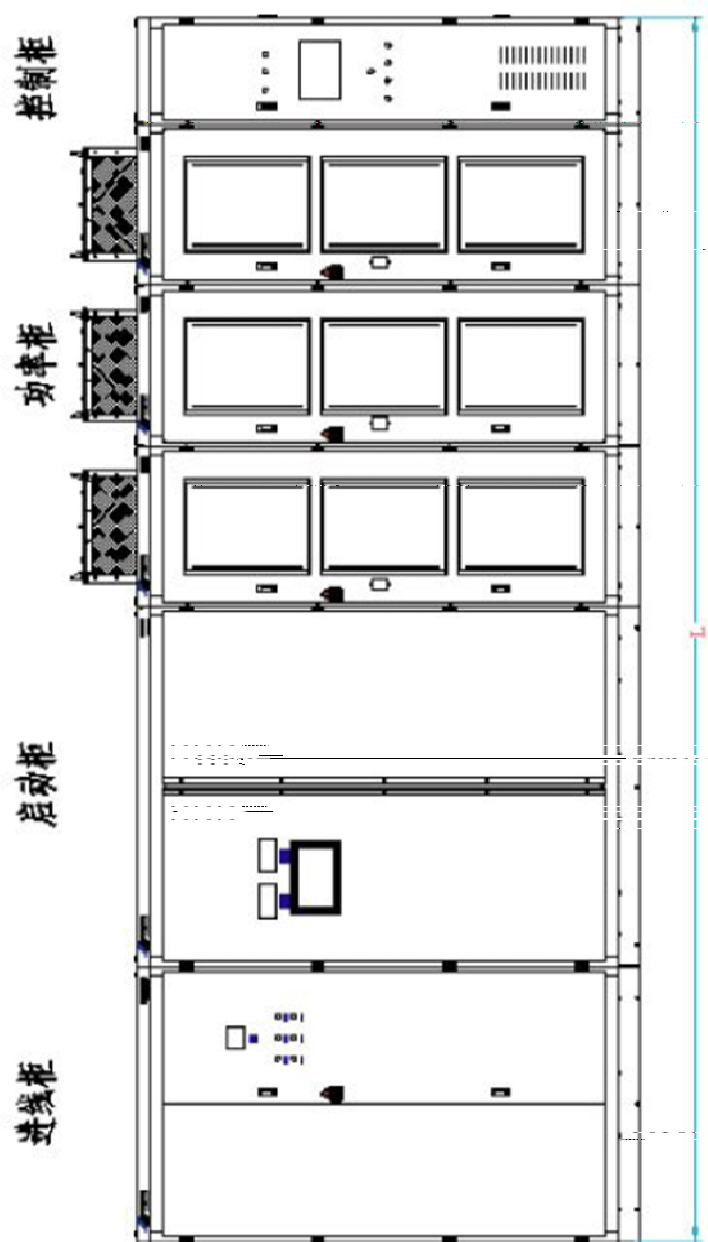
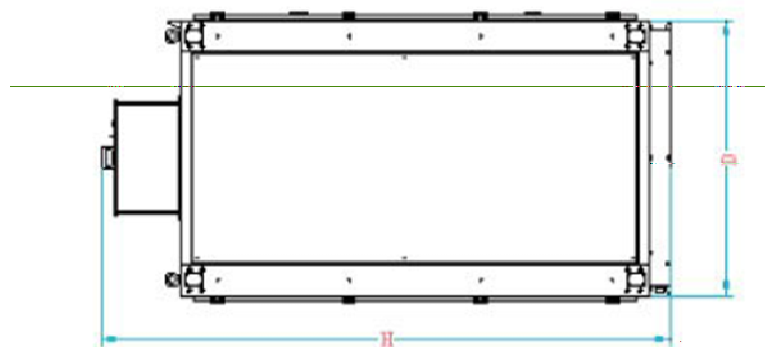


3-2

ZG-dSVG

3-3

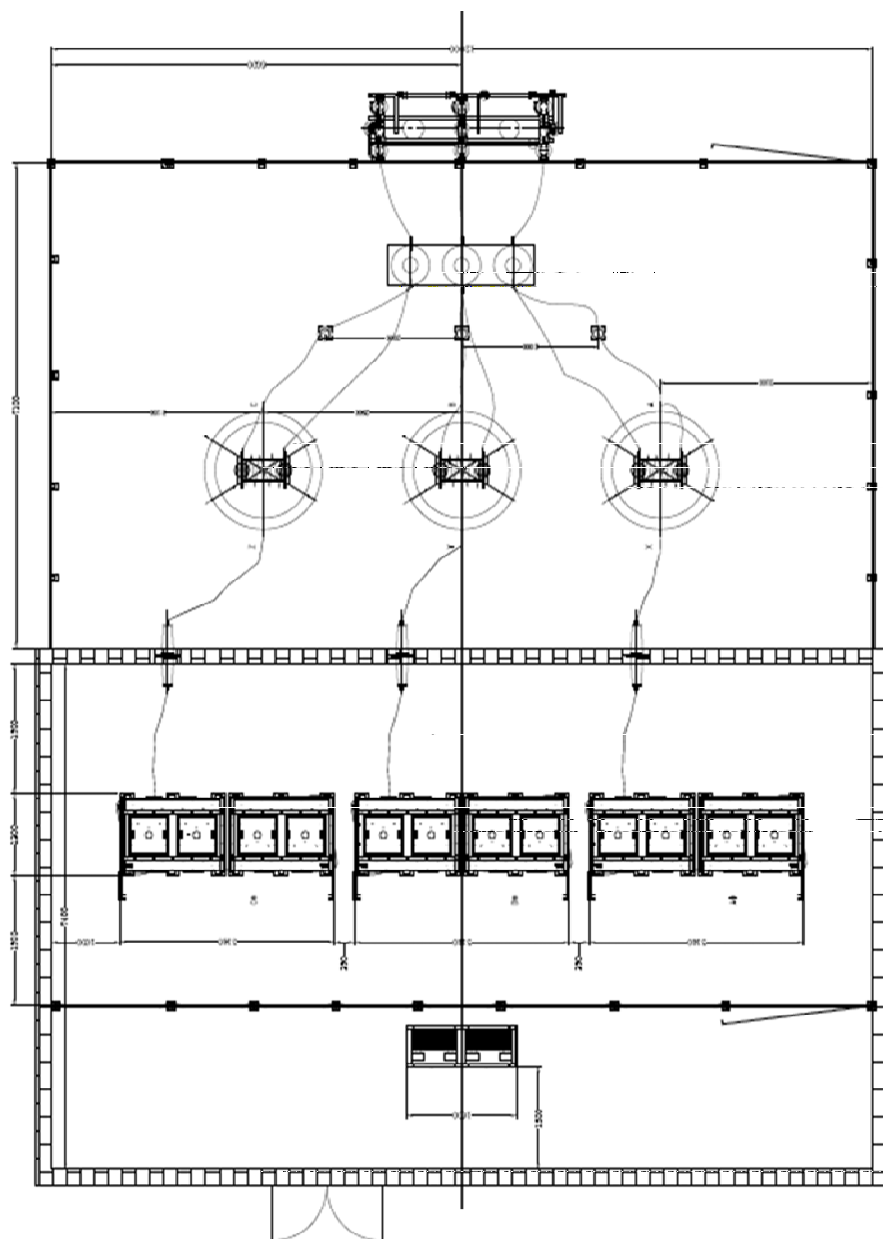
1	4	4	Ш
2	4	Ш	
3	4	Ш	
4	4 UPS 4	4	Ш



3-3 6kV 410kV ZG-dSVG

1	10kV	35kV	山
2			山
3	FC		山
4	FC		山
	35kV	ZG-dSVG	
3-4			

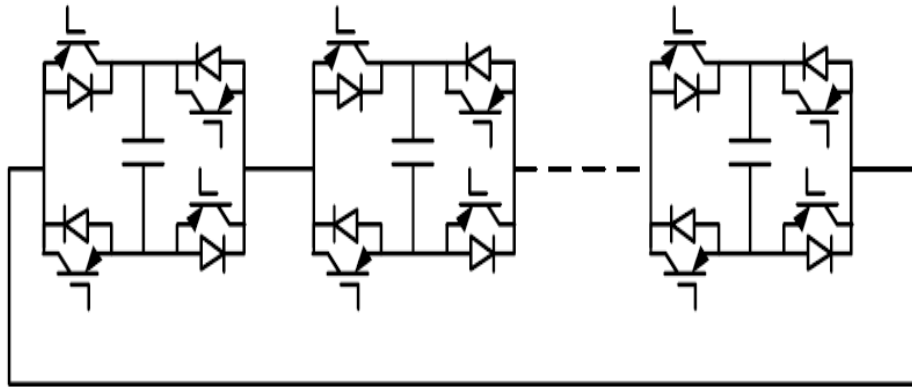
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3-4 35kV ZG-dSVG

3.2

1



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3-5

1. ZG-dSVG

2.

3.

IGBT

IGBT

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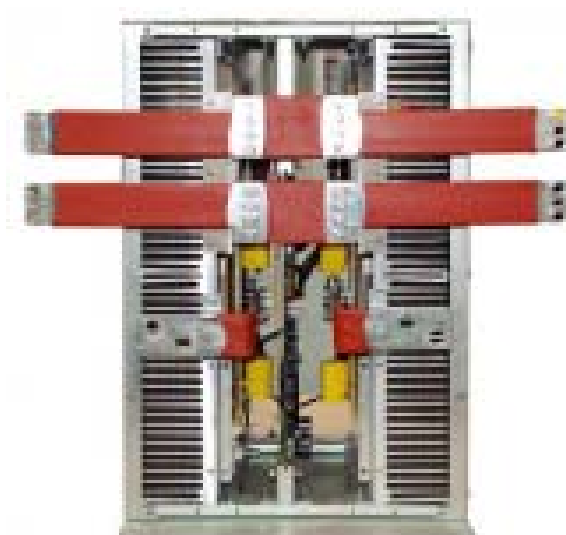
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3-7



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ZG-dSVG

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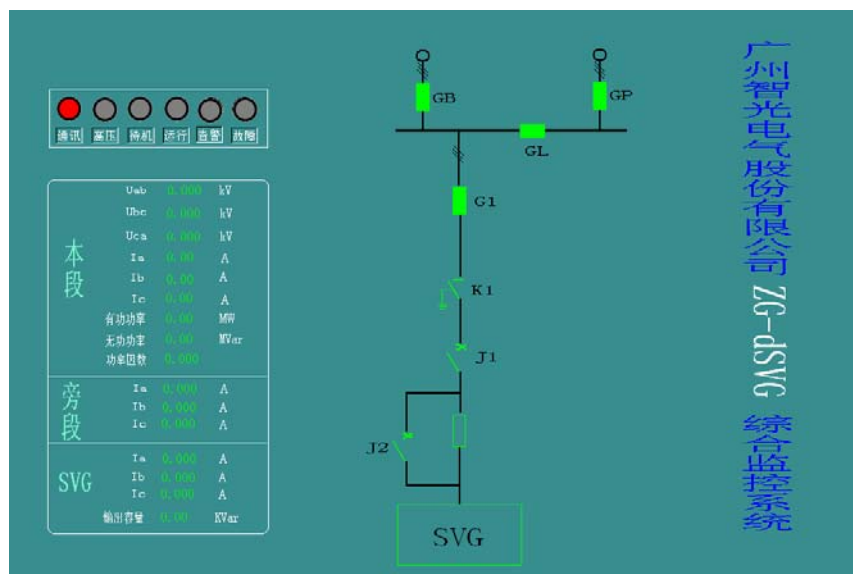
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4 4 4
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 4 4 4 /
 RS232/RS485
 CAN RJ45 Modbus 4
 Profibus 4TCP/IP IEC61850 GPRS 4
 GPRS 4

4



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1 windows XP

2 4 4 4 4 4
 3 4 4 1-25
 4 6

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	Ш		
6		Ш	
7		Ш	
8			Ш
		Ш	
9			Ш
	Ч	Ш	
10	Ш		
11	Ч		Ш

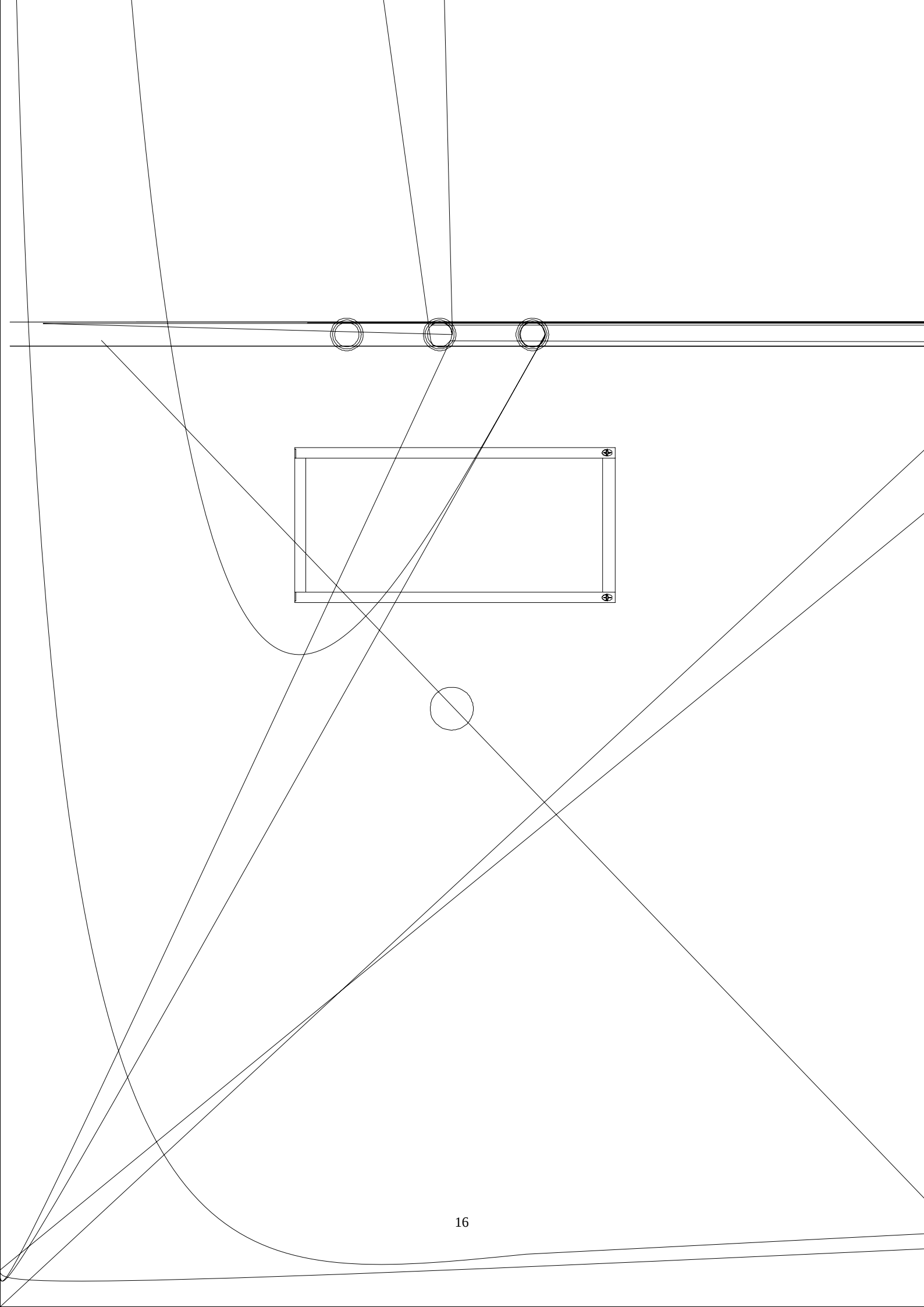
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ZG-dSVG

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4.3

TPC7063H TPC7062K

RS485

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5.1

1. 380V Ш
2. Ё / Ё Ш
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5. Ё Ё Ш
6. Ё Ё Ш

5.2

1. 380V Ш
2. Ш
3. Ё Ё
- Ш
4. Ё Ё Ш
- 5.
- Ё Ё Ш

5.3

1. Ш

2. 380V

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5.4

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6

-10 () 45 (10
) 5K/h

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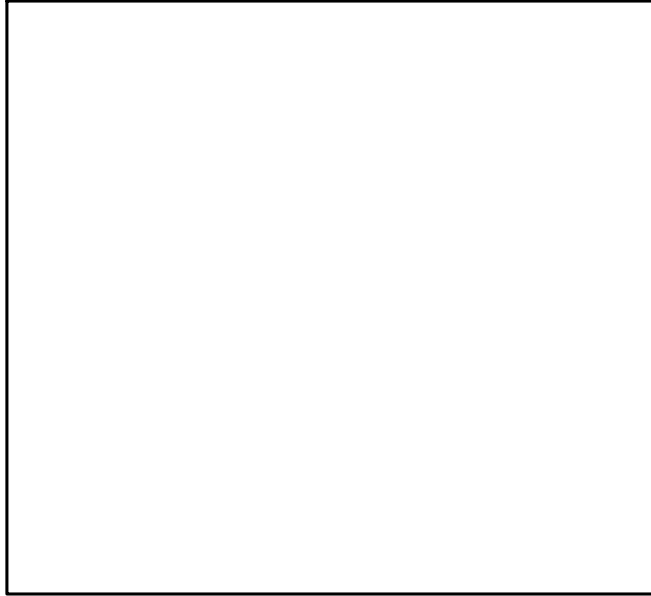
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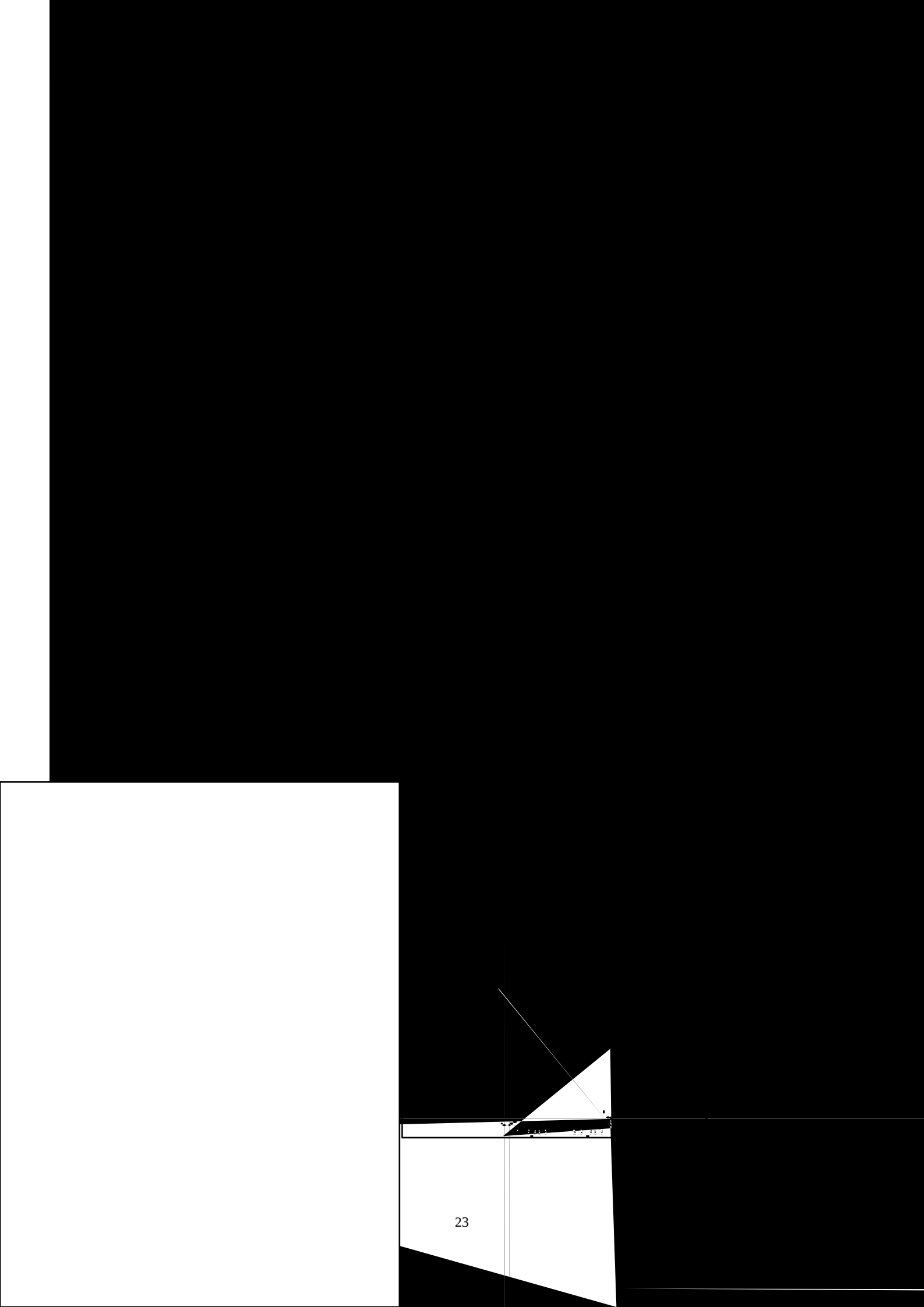
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6.1

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6.4

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$$S = 3300 \text{ m}^3/\text{s} \times A_1 + 7100 \text{ m}^3/\text{s} \times A_2 \div V \quad 6-1$$

S m^2

A1 450 1.1 т

A2 560 1.1 т

V 2 м/с

Ш

ч

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ZG-dSVG

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7-1

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7-1 ZG-dSVG

1		1.IGBT 2. 3. 4. Ч 5.	1. 2. 3. 4.
2		1. 2. 3. 4.	1. 2. 3. 4.
3		1. Ч PT 2. 3. 4. 5. 6. 7.	1. Ч SVG PT Ш 2. 3. 4. 5. 6.
4		1. 2. 3. 4. 5.	1. Ш 2. 3. 4. 5.
5	/	1. 2. 3. 4. 5.	1. 2. 3. 4.
6		1.PT	1.

		2. 3.	2.
7	1/2	1. 2. 3. 4.	1. 2. 3. Ш
8		1. 2. 3. 4.	1. 2. 3. Ш
9		1. 2. 3. 4.	1. 2. 3. Ш
10		1. 2. 3.	1. 2.
11		1. 2.	1. 2.
12		1. 2. 3. 4.	1. 2. 3.
13		1. UPS 2. 3. 4.	1. UPS 2. 3. 4.
14			1. 2.
15		1. 2. 3. PT 4.	1. 2. 3. Ч SVG Ш PT
16	/ /	1. 2. 3.	1. 2. 3.
17		1. 2. $\pm 15V$ 3. 4.	1. 2. $\pm 15V$ 3. 4.

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7-2 ZG-dSVG

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6		ᐅ ᐅ
7	/	ᐅ / ᐅ

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3		Ш	
4		Ш	
5		Ш	

8.5

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