1. 1
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1.3 1
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2. 7
2.1 7
2.2 7
2.3 7
2.4 [illegible]

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1			2021	9	1
2			2021	4	29
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4					

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2020 1 2020 5 30

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[2012]144 2012 8 30

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[2017]22 2017 11 28

28 341 2021

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1.2.2.

1 GB50156-2021

2 GB6944-2012

3 GB 12268-2012

4 GB 18218-2018

5 GB 17914 2013

6 GB 15603-2022

7 GB 55036-2022)

8 GB 55037-2022)

9 GB 50058-2014

10 AQ 3009-2007

11 GB 6441-1986

12 GB/T 13861-2022

13 GB 50016-2014 2018

14 GB 50140-2005

15 GB 50057-2010

16 GB 12158-2006

17 GB/T 50610-2010

18 AQ 3045-2013

19 GB20952-2020

20 GB 50395-2007

21 GB/T 29639-2020

22 (GB/T12801-2008)

23 (GB5083-1999)

24 AQ/T 9007-2019

25 (AQ 3010 2022)

26 AQ 3018-2008

27 GB30871-2022

28 (XF/T 3004 2020)

29 AQ 8001-2007

30 GB/T 13869-2017

31 - SH/T 3178-2015

1.2.3.

1 2005 4

2 2002 11

3 2003 7

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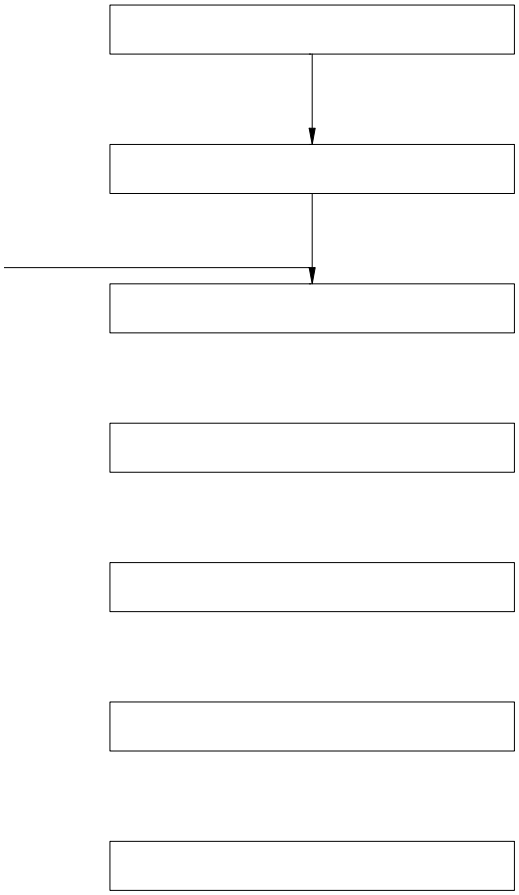

69%

78%

61%

3

101.2Kpa

4

755.4mm

5

3.2m/s

23m/s

6

28.3d

7 25.0cm

1.40m

8

6

0.10g

2.3

15m

1

39.5m 1

21.5m 1

39m

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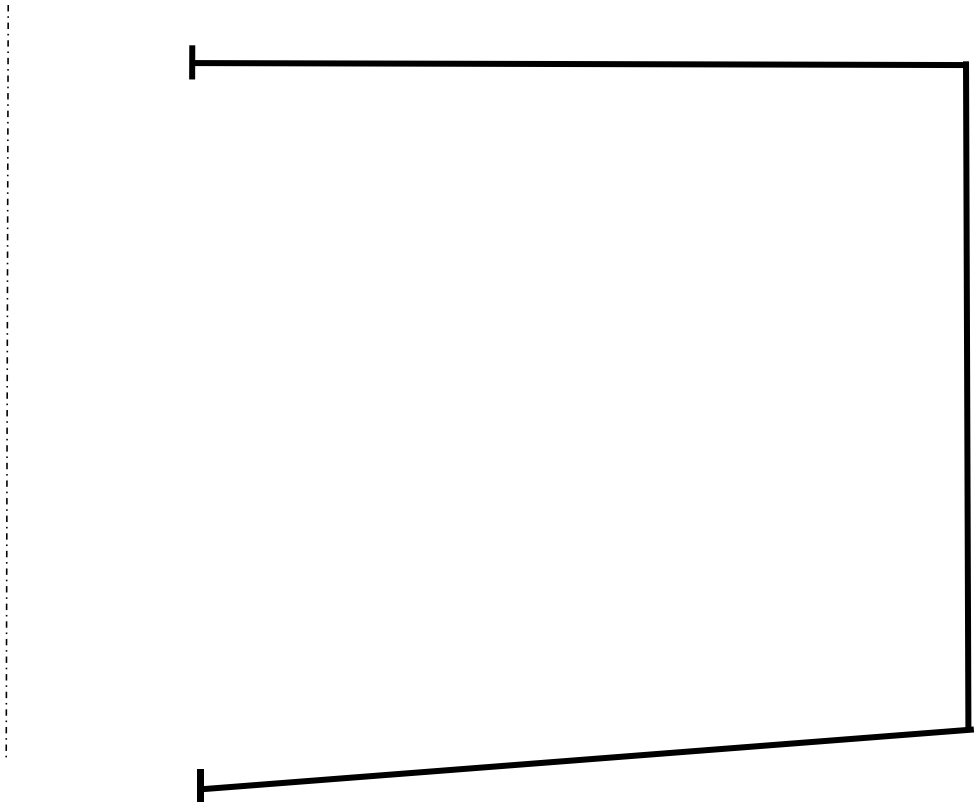

				3	14.8
	S105			3	51.5
	H=6			5	10
	H=6m		-	5	10
				5	14
	S105			5	53

	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-	3	7
	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-	2	7
	-	-	-	-	-	-	-	-	-	-	-	-	3	13	2	8.5
	-	-	-	-	-	-	-	-	-	-	-	-	2	13	2	8.5
	7	83	6	89	7	95.5	6	95.5	7	39	6	39	-	-	-	-
	7	60	6	66	7	72.5	6	72.5	7	21.5	6	34	-	-	-	-
	4	18	3	24	4	33.5	3.5	33.5	5	15	5	29	5	16.5	-	-

2.4

2-3

1			140.98m^2			
2			422m^2			H=6m
3			395.52m^2			
4			5m^2			-

2-4

1		2	20m^3	-	SF
2		2	40m^3	-	SF
3		2	52QF211K		
4		2	52QF211K		
5		4	TLS2		
6		4	UZK-SA-LD		-
7		13		-	4 5 4m 4 3m
8		1	ZZ26P		

(+150Pa)

150Pa

2-2 2-3 2-4 2-5 2-6

c.

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4

380/220V TN-S

UPS

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6 8kg 1 4kg

8kg 2 4kg Ω 6

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Q_1 Q_2… Q_n—— t

3

3.1.3

23 ≤ 60 3-1

3-1

1		200t
2		5000t

$40m^3$, 0.75,

30t $80m^3$, 0.89, 71.2t

S=30/200+71.2/5000=0.16424<1

,

3.2

3.2.1

2* 1B 2

1 - 2 - 2

1630

E10 92

95 98 3 =1 0.72 0.775 =1 3

4 -46 1.4 7.6% 415 530

0.813MPa

,

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:

PC-TWA( )(mg/m^3) 300

:

:

1

2

3

4

5 0 -10 60 -20

50 -35 -50 45

15min

10

3.2.2

1

2

3 Å

2

3

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5

6

3

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3.3.2

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3.3.3

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4.1

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7

5-1

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	2 GB/T29639-2020		
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	3		

2021 5 17

1

GB50156-2021

3.0.4

2 GB50156 3.0.9

GB50156-2021

3.0.9 $40m^3$

3

GB50156-2021

3.0.25

4

	1.2m³ 100mm 1.2m			
	6	GB50156-2021 (5.0.7		
	7	GB50156-2021 5.0.8		
	8 300m²	GB50156-2021 5.0.9		
	9 4.0.4 “ ” “ ”	GB50156-2021 5.0.10	1 21.5m 1 39m 4.0.4	
	10	GB50156-2021 5.0.11		
	11 2.2m 4.0.4 1.5 25m	GB50156-2021 5.0.12		

4.0.4

12

GB50156 5.0.13-1 GB50156-2021 5.0.13 2-1 2-2

13

C GB50156-2021 5.0.16

5

$10^9\Omega$

$10^9\Omega$

SF

GB50156-2021

6.1.7

A=0.04Vt

6. SF

11.2 GB50156-2021

6.1.8

SF

7

GB50156-2021

6.1.9

8

	0.5m 0.9m 0.3m	GB50156-2021 6.1.12		
	11	GB50156-2021 6.1.13		
	12	GB50156-2021 6.1.14		
	13 90% 95%	GB50156-2021 6.1.15		
	14 0.8L/h	GB50156-2021 6.1.16		
	15 SH 3022	GB50156-2021 6.1.17	SF	
	1	GB50156-2021 6.2.1		
	2 50L/min	GB50156-2021 6.2.2	5-50L/min	
	3			

GB50156-2021

6.2.3

4

GB50156-2021

6.2.4

5

GB50156-2021

6.2.5

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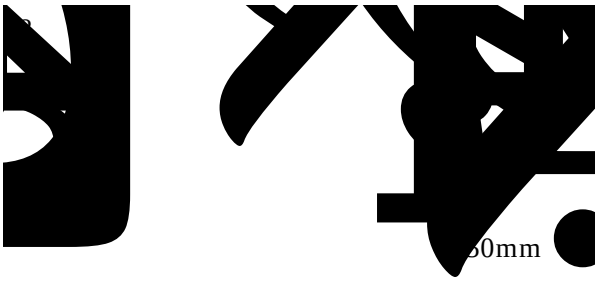
	5	GB50156-2021 6.3.5		
	6	GB50156-2021 6.3.6		
	7 50mm 1.0 1.2 25mm	GB50156-2021 6.3.7	50mm 25mm	



50mm

100mm 45·

T

100mm

150mm

GB50156-2021 45°

200mm

6.3.8

150mm

200mm

9

4m

2

	4mm 4mm $10^8\Omega\cdot m$ $10^{10}\Omega$ 100kV		4mm $10^8\Omega\cdot m$ $10^{10}\Omega$	
	13	GB50156-2021 6.3.13		
	14	GB50156-2021 6.3.14		
	15 2‰ 1%	GB50156-2021 6.3.15	2‰ 1%	
	16 0.4m 0.2m 100mm	GB50156-2021 6.3.17	0.5m 0.2m	

0.5m

17

GB50156-2021
6.3.18

18

6.3.12

1 2.8m/s

2 GB50156-2021
6.3.19

19

GB50156-2021
GB/T21447
6.3.20

20

SF

GB50156-2021
6.5.1

21

GB50108

200mm

500mm

22

100mm 4mm

200mm

SF

GB50156-2021

6.5.3

10mm 30mm

23

GB50156-2021

6.5.4

24

6.3

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	2	GB50156-2021 12.3.3		
	1	AQ3010-2022 4.4		
	2	AQ3010-2022 4.4		
	3 “ ” ,	XF/T 3004-2020 8.1		
	4 “ ” “ ”	XF/T 3004-2020 8.4		

	1	GB50156-2021 13.1.1		
	2 380/220V	GB50156-2021 13.1.2	380/220V	

3

90min GB50156-2021

13.1.3

90min

4

4.5m 5m

3 LPG

GB50156-2021

13.2.4

4 [redacted]

0.5mm

0.65mm 0.7mm

, Ď m "

9

GB50156-2021
13.2.11

10

5 GB50156-2021
13.2.12

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GB50156-2021

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6.1.2.2.2

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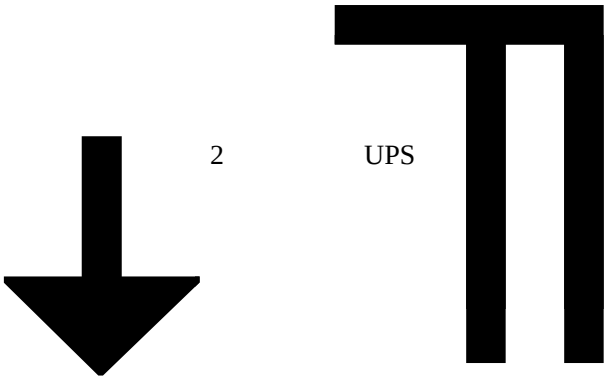
6.1.1.1

2 UPS



	3.	GB50156-2021 13.5.4		

	1 140kw 2m	GB50156-2021 14.1.3		
	2 12 5 300cm²/m² 2	GB50156-2021 14.1.4		

	12	GB50156-2021 14.2.16		
	1	GB50156-2021 14.3.1		

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GB50156-2021

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GB50058-2014

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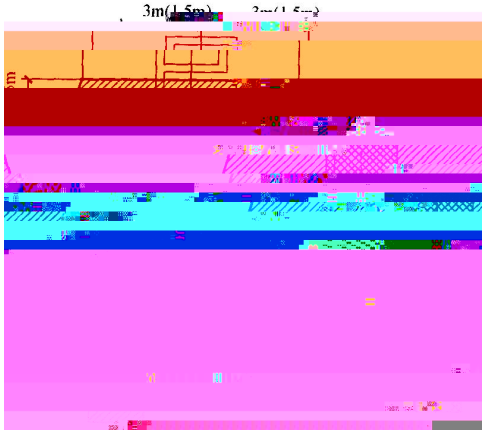
2 4.5m

0.15m 3m 2



4. 2

1 0

2 1.5m 0.5m

1

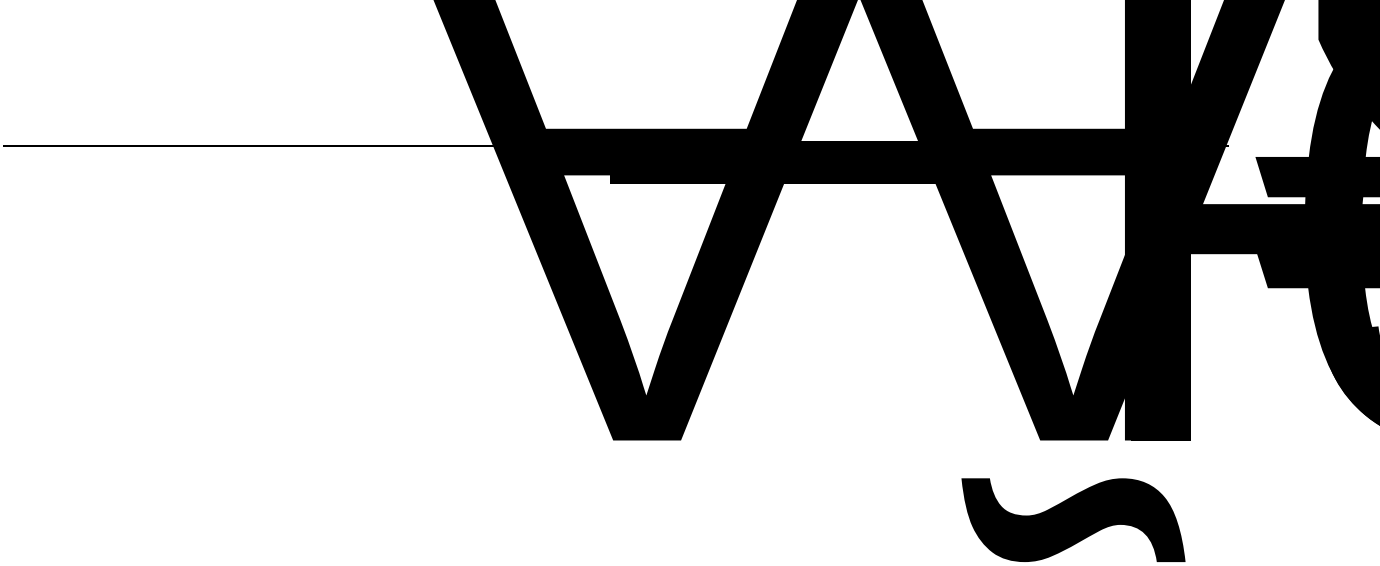
3 3m

1.5m 2

5. 3

1 0

2



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