

2021

2021

1

2

3

4

5

2030

6

1

"

"

2

"

"

"

"

"

"

"

"

3

"

"

4

5

2021

1

2019 39

2020 319

2

3

“

”

4

5

2017 7

6

2018 16

" " "

2021 44

" "

" "

1

A4

<http://kjhh.jspc.org.cn>





2021 11

1

2021

44

CO<sub>2</sub>

CO<sub>2</sub>

CO<sub>2</sub>

CO<sub>2</sub>

/

CO<sub>2</sub>

CO<sub>2</sub>

44

—

44

同

44

1

300

3

2

3

4

1961 1 1

6

5

“ 0 1”

6

7

8

2

2

9

<http://kjhh.jspc.org.cn>

2

2021

HJT

/

MW

26% CTM 95% 2 IEC  
5%  
1003

2m<sup>2</sup>

20% 50%  
5GW IEC61215 85 1000  
5% 85°C 1000  
5% -40~85°C 200

5%

IEC61215

RoHs

1004

/

20%

35%

/

1005

/

+

+

30%

28  $\mu\text{m}$

300 mm/s





5

6

30%

50%

7

3

2021

4

3-4

3-4

2

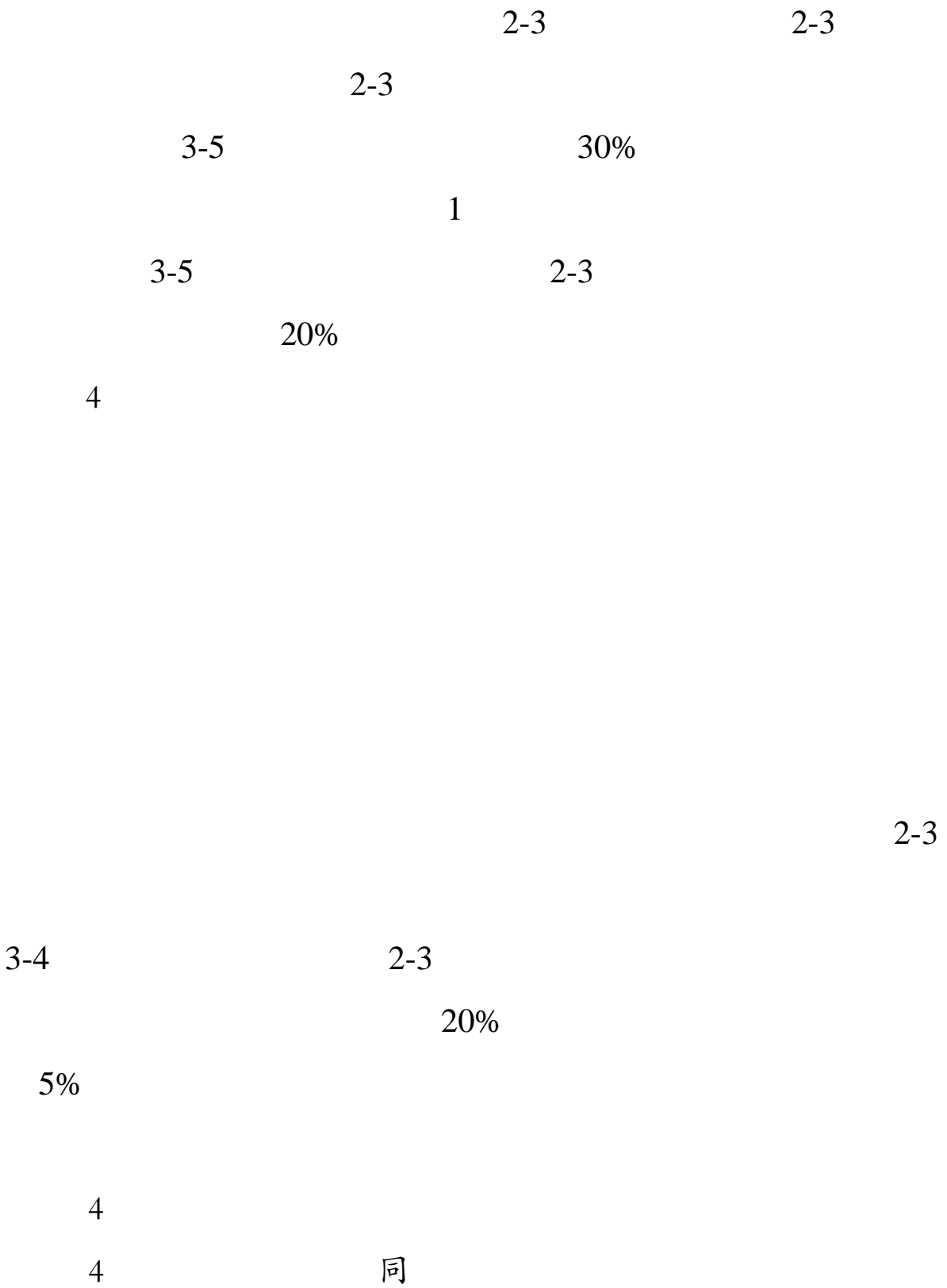
2-3

2-4

2-3

10-15%

4



4  
4  
1  
4  
1  
4  
1  
1  
1  
500  
2

4

1

3

2

1

3

1

5

50%

4

2021

44

— — —

44

300

1000

44

" — — "

44

44

/ ,

3

700

300—400

44

1

3

1000

3000

2.

1961 1 1



3

2 1

4.

/

3

5

6 1001 1002

2

1

1

1

1 1003

1 2001

1 2002

1 3001

1

7

"

+

"

8

<http://kjjh.jspc.org.cn>

5

2021

3

5

10

5000

5000

100

1



2021 11 4