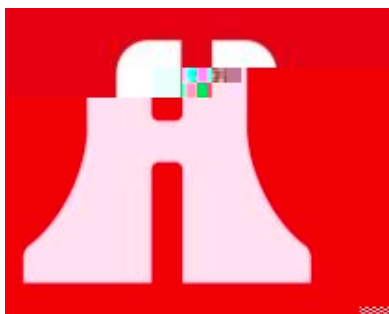
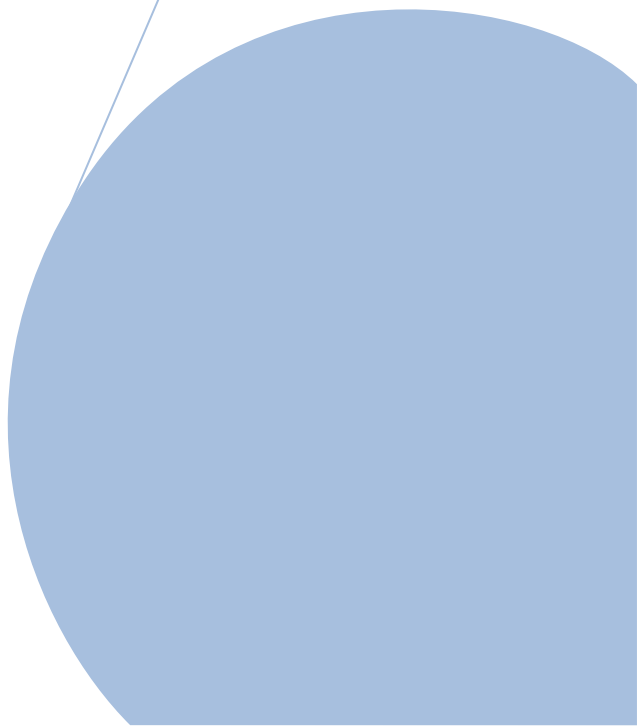




上海汉钟精机股份有限公司
SHANGHAI HANCHUAN PRECISION MACHINERY CO., LTD.



					4
1	”	†	1400		4
2					4
3		7%	110		5
4					6
5	G20				6
6	2027	1000			7
7					8
8					8
9	8	TOPCon			9
10					10
11					12
12		HJT			13
13		”	†		13
14	”	en5	16	14en5	14
					15
1	527				15
2					
					16

5	„	†		17
6	SEMI	2026	200mm	18
7				19
8	2027		150	...19
9				20
10				
	„	†		20
11	7	„	†	..21
12		„	†	22
13				22
				23
1	BC		30GW	23
2	27.15			23
3		ALD		24
4				25
5	TCL	12	BC	26
6		HPBC PRO		27
7				27
8	È			

13			31
14	8		31
15	TCL	23.75% 2	32
16	IPO	3457	33
17	TOPCon		



1	”	†	1400
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2023-7-11

7 11 7 10

Vedanta 195 78410

Vedanta

< <

<http://www.stcn.com/article/detail/915714.html>

”
2030

†

< <

6	2027	1000
---	------	------

2023-9-12

50% 70%

80%

(IEA) 2022 2030

210

2027 1000
2029 2030 2020 3000

https://bao.hvacr.cn/202309_2104906.html _____

7

2023-9-12

9 8 9
65%
2044 12 31
65%
2045

https://bao.hvacr.cn/202309_2104908.html _____

8

21 2023-9-19

TOPCon BC
N TOPCon HJT

9

”

†

”

4 14

8.2695

TOPCon

TOPCon

TOPCon

2023 11

30

2.48085

TOPCon

https://mp.weixin.qq.com/s/bSz7mK2j_gLT-vZc5J0TrA _____

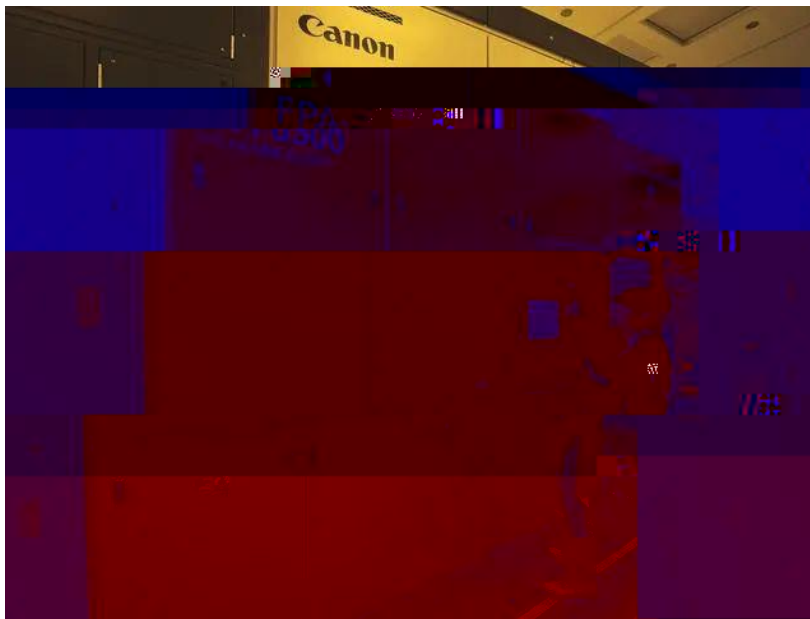
10

2023-10-16

10 13

FPA-1200NZ2C

11%



Nano-Imprint Lithography NIL

14nm

5nm

NIL

10nm

2nm

2004

NIL

2014

https://mp.weixin.qq.com/s/8xvVE5Vjv5lu-u_MFYjh1A _____

10 24

” †

5 2.55

SiC

CEO

80% SiC MOS

< <

<https://www.stcn.com/article/detail/1013722.html> _____

14 ” †

2023-10-31

SolarEdge

SolarEdge

Q3 23Q3

7.2-7.3 8.8-9.2

SolarEdge

= =

Norwegian Crystals

Norsun

9 11

< <

<https://solar.ofweek.com/2023-10/ART-260008-8420-30614833.html> _____



1	527
---	-----

2023-9-3

2025 18% 527

527

2030

6.7

5 2800

527

390

2023 _ 2024

2023 _ 2024

5%

24

2024

5G

85% 75

25%

200mm

ŷ · ∫

6

”

† Teresa Ribera Rodríguez

< <

https://bao.hvacr.cn/202310_2105123.html [Top](#)

9

2023-10-07

2030 42.5% 2022

22% (VAT)

16

https://bao.hvacr.cn/202310_2105117.html [Top](#)

10

” †

21 2023-10-18

10 17 BIS

2022 10 7

17 4.68% 1.37%

„ †AI

21

BIS

< <

<https://www.21jingji.com/article/20231018/herald/7bb8ba4d3605bef8562b34>

[c890ec5d87.html](#) [Top](#)

11 7 „ †

< <

<https://www.stcn.com/article/detail/1019054.html> [Top](#)



1	BC	30GW
---	----	------

2023-9-6

9 5

BC

BC

TOPCon 5 6 BC

BC 30GW HPBC

< <

https://www.cs.com.cn/ssgs/gsxw/202309/t20230906_6365453.html [Top](#)

2	27.15
---	-------

2023-9-4

8 31

5GW

ALD

< <

6 HPBC PRO

21 2023-9-20

BC

BC

9 19 12GW

12GW HPBC PRO

39.151 2024 11 2025 11

9 20 HPBC

HPBCPRO

” HPBC

PRO †

< <

<https://www.21jingji.com/article/20230920/herald/a4a58b03b82b18f154d92b>

[28394826f2.html](#) [Top](#)

7

2023-9-20

9 19

SIP

” †

<https://www.semi.org.cn/site/semi/article/de279b00078d4ddb9c5e012e63226>

[13c.html](#) [Top](#)

8

2023-9-24

FAT

RPD

RF

TCO ITO IWO ICO IZO Cu SnO2

NiO

< <

<https://mp.weixin.qq.com/s/HwckFiayhWbhOzxwQEXiYw?version=4.1.9.6012>

[&platform=win](#) [Top](#)

9

2023-9-27

9 26

11

16

21

2023-10-12

< <

<https://mp.weixin.qq.com/s/6SHQZlvncB3>

PVT

MOSFET 650V-1700V SiC MOSFET
,1700V/1000mΩ MOSFET
1200V/75mΩ MOSFET OBC
1200V /16mΩ

8 2025 2028

<https://www.semi.org.cn/site/semi/article/59f2096646ae4b9ab1e6e027b49df769.html> [Top](#)

15	TCL	23.75%	2
----	-----	--------	---

2023-10-25

10 25 TCL 2023 2023
TCL 486.54 61.88 23.75%
TCL
5 10 TCL 2023
2007
TCL 23.75%
TCL 2023 2023 TCL

486.5461.8823.75%
26%85.1GW
68%2023

20232

<<

<https://www.stcn.com/article/detail/1015190.html> [Top](#)

16	IPO	3457
----	-----	------

2023-10-25

1024”†

IPO

19681980
19851993
2010

500200
314019

<<

Top-

TOPCON

2023-10-27

BC

BC

PERC TOPCon

BC

BC

TOPCon

< <

https://www.cs.com.cn/ssgs/gsxw/202310/t20231027_6372834.html

109

2023-10-30

10 25

TOPCon	182	210
--------	-----	-----

LCOE

2022 12 13

16

				36,830.00	23,698.57
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2023112814:30

20231128

202311289:15=

9:259:30=11:3013:00=15:00

202311289:15=

15:00

20231121

108

<>6

<http://www.cninfo.com.cn/new/disclosure/stock?orgId=9900003433&stockCode=002158>

()

2023-9-4

(002158)

2023	1	2023H1	17.69
29.19%		3.66	48.56%
3.52	60.44%	2	2023Q2
39.31%		2.49	61.02%
2.42	71.48%		
		2023H1	17.69
29.19%		7.46	45.00%
42.19%		8.98	21.76%
50.74%			

			2023H1	38.37%	+4.16pct
	20.66%	+2.69pct		19.88%	+3.87pct
	14.81%	+0.89pct	2023Q2	39.34%	+2.49pct
+4.16pct		23.08%	+3.11pct		22.42%
+4.20pct					

	2023-2025		39.85/47.48/56.27
	+22.03%/19.13%/18.52%		7.93/9.92/11.98
+23.11%/23.02%/20.79%	EPS	1.48/1.85/2.24	PE 17/14/11
„	†		

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Top

在前期疫情后，冷链物流系统的发展以及食品加工企业产能扩张，



[illegible]

1

针对物流中转冷库中会存在货物存储需求的不确定性, 不同货物需求库

2

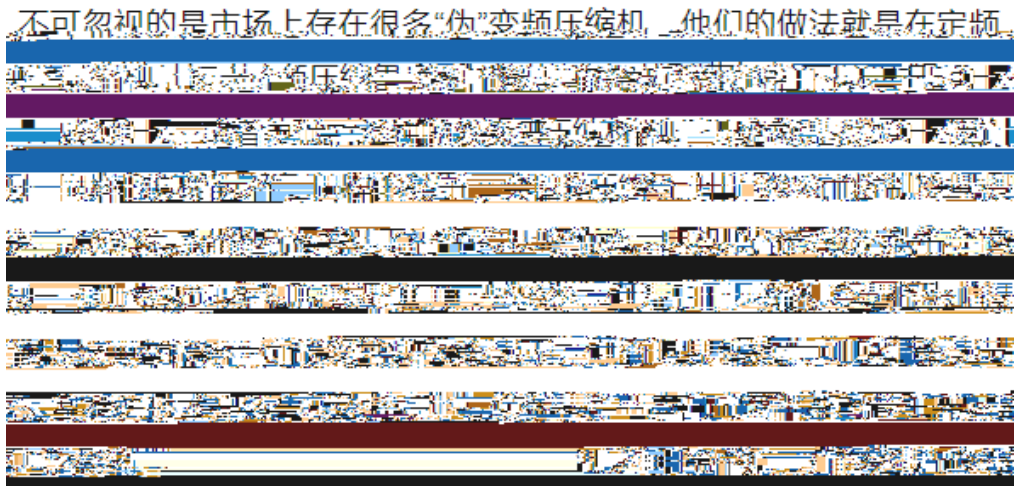
&

在市场上单级压缩机是冷库市场的主流产品，全世界各国也都是以单级压缩机为主。但是在冷冻库应用中，单级压缩机与双级相比，性能上确



3

冷冻库应用上的压缩机会有两部分名称进行描述，单级压缩机可以分：



2023

LC

160

2023

LT-S-200/100-IVX 450

300

2.5

450

4

RGII

96%~98%

50%

50%

<https://mp.weixin.qq.com/s/qzuNgKOak3cdACVtUerciQ> [Top](#)

2023-10-29

(002158)

2023

TOPCon

+

1

2023

29.1

24.4%

6.8

43.5%

Q3

11.4

18%

3.1

38%

TOPCon

2

40.1%

+4.2pct

23.4%

+3.1pct

Q3	42.7%	+4.5pct	27.7%	+4pct	
3		2.9	186.5%	11.3	
19.1%			2023	TOPCon	
4	1.51		27%	5.2%	+
		+			
1			70-80%		
	+	/			
TOPCon		HJT			
2					

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2023-2025

40.1/47.2/55.5

40.1/47.2/55.5

8.7/10.4/12.4

8.17/9.79/11.69

6.35

EPS

€

1

1.63/1.95/2.32

1.53/1.83/2.19

PE

13/11/9

” †

1

2

3

4

5

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	2023		2023	Q3
	11.37	17.68%	5.38%	/
	3.14/2.97	37.94%/37.17%	26.21%/22.63%	
	Q3			

Q3 +38%

2023 29.1 24% 6.8

43.5% Q3 11.4 18% 3.1

38% 1

2

2023 40.1% 4.2pct 23.4%

3.1pct Q3 42.7% / 4.5/3.4pct 27.7%

2023-2025

8.52(8.2)/10.64(9.8)/12.67 12.1) PE

13.71/10.97/9.22 „ †

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