

14.

15.

16.

17.

18.

19.

20.

21.

22. “ ” “ ”

23. 2024 300

24.

25.

26. OEM

27.

28. FCEXPO 2017

29.

1.

2.

3. 2017

4.

5.

6.

7.

1. 50%

2.

3.

4.

5. 2017

6. ORC

7.

8. VT

9. KAPP

10.

11.

12.

13. FS-Curtis

14. “

”

15.4 1 3%-8%

16. Pfeiffer

17.

18. Edwards 2017

19. 2020 11.5
20. 1.5 SunEdison
21.
22. Q1
23. 100
24. 60

1. 4 1 5% 7%

2. -- : 1+x ,

3.

4.

5.

6. 4

7. 2 ---

8. 20

9.

10.

11. : ---

12.

13.	5.06%	21.11	
14.			16.67%
15.		11.84	
16.4	5		
17.			—
18.	3		
19.		7.40%	
20.		11	
21.	2016		
22.			
23.	77		
24.			
25.			
26.			
27.			
28.	“ ” “ ”		
29.	3	6	
30.	“ +”		
31.	(002158)2016	:	Q4 ---

1 “ ”

23%

12

“ ”

2015 15% 8% 5% 2020

30% 13% 8%

2020

2015

15%

50

2020

58%

55%

15%

10%

2020

2015

18%

CNG/LNG

“ ”

“ ” “ ” “ ”

2020
1000

1.5

3

2020

2015

“

” “ ”

“ ” 450 18.9

2020

“ +”

/

“ ”

2017

2017

“

”

2 2016

6000

2016

2016

6000

4 17

(32.910,0.00,0.00%)

WIFI

27

80%

50%

<http://news.ehvacr.com/news/2017/0427/100899.html>

Top

3 2017

		2017			
2018.1	39.5%	960.4		86.0%;	
	1057.7	13.6%	2	1026.2	
	71.6%				
				3	6
3					

12 30
45030 / 2 14
49317.5 / 9.5%
300 / 200%
50-200
12 2% 1
2%
2016 12 11

?

?

2016

7.7%

0.5%

2017

<http://news.ehvacr.com/news/2017/0331/100725.html>

Top

4

10

2016

2016 13
9

2017 21

2025

2012

1500

50 50%

4% 70%

<http://news.ehvacr.com/news/2017/0418/100834.html>

Top

5

2017

8000

7300

1000

700

2100

35

30

“ ”
35000
8000

PPP

<http://news.ehvacr.com/news/2017/0424/100870.html>

Top

2+26

2017

()

“2+26”

“2+26”

10

“ ”

10

5 -10

10

“ ”

10

10

10

“2+26”

20

“2+26”

“ ”

10

LNG

CNG

LNG

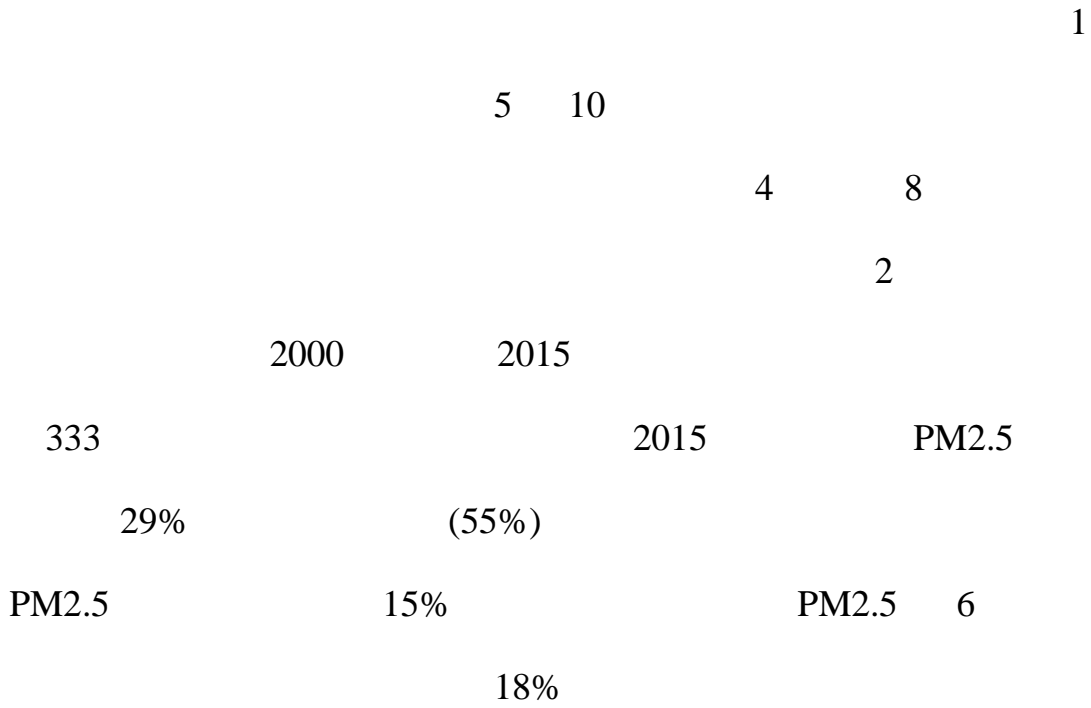
“ ”

“ ”“ ”

<http://news.ehvacr.com/news/2017/0331/100726.html>

Top

PM2.5



200

16.3

2700 9000

5000 150

2434

2.16 6200

;

30%~40%

90%

30%

XX

15%

		90%	XX
6%	2017		10
50			

2015

116864

24%

60%

2015

14.57

1

<http://news.ehvacr.com/news/2017/0424/100878.html>

Top

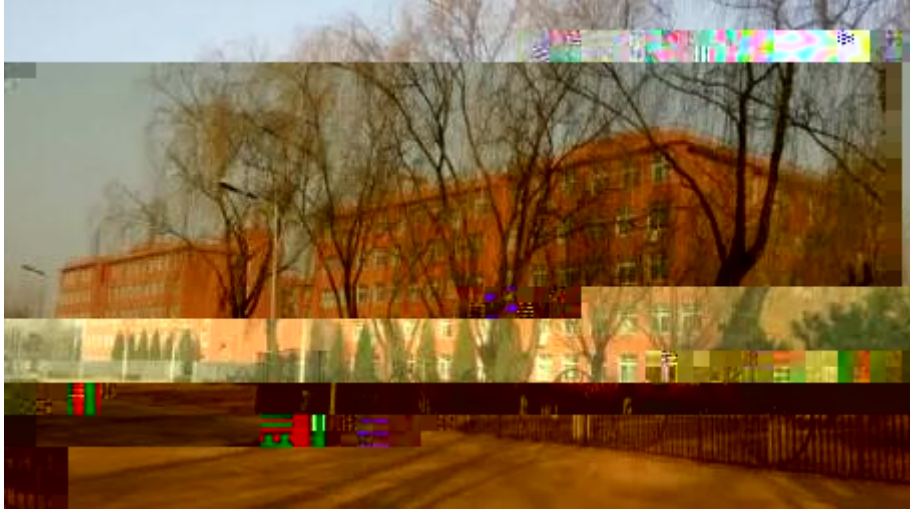
9

“ ”

300

.....

-



2016 12 17 2017 3 15

1#

2#

2,100

PSH

MCX

/

4

1

2

3

25%

4

1# COP 2.59

20%

1

2

“ ”

“ ”

“ ”

“ ”

-25

-25

:

“ ”

“ ”

0.5

0.1

COP

4

+8

ADC

“ ”

“ ”

<http://hp.hvacrhome.com/news/show.php?itemid=18793> Top

2020

“

”

6

30%

10%

30%

30%

5%

1000

“

”“

”“

”

“ ”

“ ”

	7	20
2600		1/5

“

+ ”“ ” + ”

“

”

”

”

”

11

6

“

”

“

”

3
2020
30% 25% 40%
68 2020
100 76
“ ”
64.3% 25.4% 10.3%

<http://news.ehvacr.com/news/2017/0504/100920.html> Top

11

4 1000 -60
“ ” “ ”
“ ”
2017 5 13

400

-60

-60

“ ”

“ ”

“ ”

-60

“ ”

4 1000 -60

<http://www.chinaiol.com/cold/r/0517/89182017.html>

Top

12

——

2017 5 17-19

2

20000

250

2016 900 2015 80%

2017 1500

“ + ”

“ ” “ ” “ ”

“ ” “ ” “ ”

80%

“ + ”

2017 “ ”

“ ”

“

14

2017 3 23

2017 7

1077

<http://www.sac.gov.cn/gzfw/ggcx/gjbzgg/201707/>

GB GB/T

GB 10892-2005

GB/T 10892-2005

序号	国家标准编号	国家标准名称	转化后的 国家标准编号
1	GB 10892-2005	固定的空气压缩机 安全规则 and 操作规程	GB/T 10892-2005

2017 3 23

2017 6

396

<http://www.sac.gov.cn/gzfw/ggcx/gjbzgg/201706/>

<http://www.compressor.cn/News/hyqx/2017/0330/94517.html> Top

15

2017 “ ” “

” “ ” “ ”

2017

“

” 2016 3 5-11

3

1

2

2016

3

4

5

6

7

8

9

2017

16

“ ” “ 2017 3 1 ” “ ”

2010

2015 24 3.5
5.55 65%
2.9 3.93
74% 52%
198 2
8%
GB18613-2012 3
87%
91%
5% 5%
765 2008

CEMEP

eff1 eff2 eff3

2003-2006

IEC60034-30

IE1

eff2

IE2

eff1 IE3 IE4

2011 7 1 IE2

20%

30%

20% 30%

80%

“ ”

2010 6 2

15-40 12

40-60

2012 GB18613-2012

2013 2013-2015

2015 1.7 1.6

1

2000

1 23

“

”

“

2017 3 1

“

”

”

8

3

“

”

“

”

<http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=7024> Top

17

2017
721 2016
478 23%; 243
151%
?
?
?
“ „630
;
”
“630”
1.45 6.9%

“ ” 2020
 100 80% 50%

”

23 214 80%
 10% 19%
 10 20 ; ()
 9% 11% 8%; () 39%

;

“

”

;

;

“

”

“630”

?

?

“630”

“

”

“630”

“

”

http://www.semi.org.cn/pv/news_show.aspx?ID=19437&classid=12 Top

“

”

“5 ”

2015

“5 ” “

.....

”

2016 10

“

”

2 22

20MW

2000

GW

“

5

”

“6·30”

http://www.semi.org.cn/pv/news_show.aspx?ID=19319&classid=12 Top

19

28

2017 4 26

Suniva Inc

(“201”).

2016

14.76G

25%

http://www.semi.org.cn/pv/news_show.aspx?ID=19381&classid=12 Top

20

2017 3

7.57

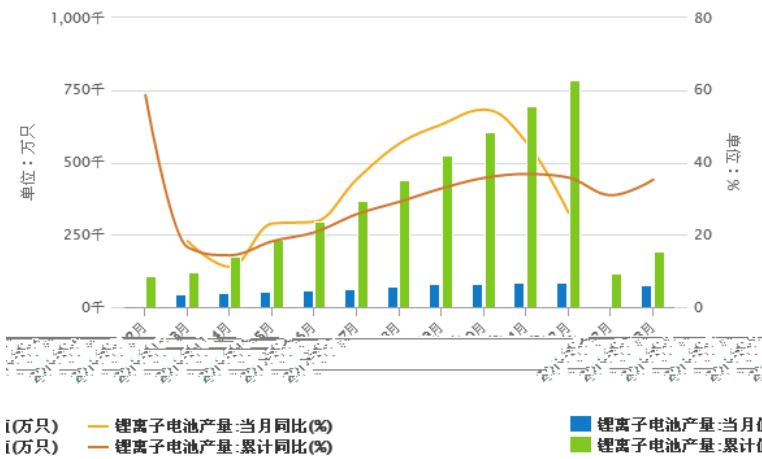
45.3% 1-3

19.2

35.2%



2016



锂离子电池产量(万只)					
日期	当月值	当月同比(%)	累计值	累计同比(%)	
2017年03月	75,665.00	15.20	192,120.00	75.70	
2017年02月	30.90	—	114,485.50		
2016年12月	35.80	84,414.30	26.10	784,158.10	
2016年11月	33.90	78,935.60	15.00	752,672.60	54.60
2016年10月	112.30	65.70	54.60	606.60	606.60
2016年09月	166.00	32.80	50.50	524.00	524.00
2016年08月	631.30	29.60	45.20	440.00	440.00
2016年07月	505.40	25.70	35.40	366.00	366.00
2016年06月	606.70	20.70	23.60	297.00	297.00
2016年05月	905.80	18.20	23.10	233.00	233.00
2016年04月	406.50	14.30	11.10	176.00	176.00
2016年03月	196.60	16.50	18.20	123.00	123.00
2016年02月	927.50	58.60	—	—	107.00

2016

62.34GWH

2017

82.18GWH

3

25%

<http://libattery.ofweek.com/2017-05/ART-36001-8420-30132905.html>

Top

21

3 7

2

3 22

4 9



58317

55929

7.7% 4.7%

3 7

3 22

4 9

60

12

<http://libattery.ofweek.com/2017-04/ART-36008-8470-30129329.html>

2012

40

10

2020

6000

“ ”“ ”

“ ”

10 NAND V NAND

“ ” “ ”

“ 15

”

2013

2016 100

2015 2016

2016 GDP 1.6

“

100

2016

500

”

70

“ ”

10

V NAND

3D

“

”

23

2024

300

GlobalMarketInsights

2024

300

7

2024

80

2016-2024

Ascent

Hankey

()

http://www.semi.org.cn/pv/news_show.aspx?ID=19265&classid=12 Top

24



“ ”

CATL “ ”

“ ”

“

”

21

10

2020

50GWh

35GWh

34GWh

21

“

”

2016

7564.16

12.82%

320.09

2 6

CATL2016

20

20

A123 2013

E50

550

RX5

RX5

“

48

”

21

“

”

eRX5

2009

“ ”

100%

47.5

4

“

”

21

“

”

50

Gigafactory

16

<http://nev.ofweek.com/2017-05/ART-71001-8420-30133542.html> Top

25

2015

4

29222

41%

3

27568

6%

2017

2017

25%

6

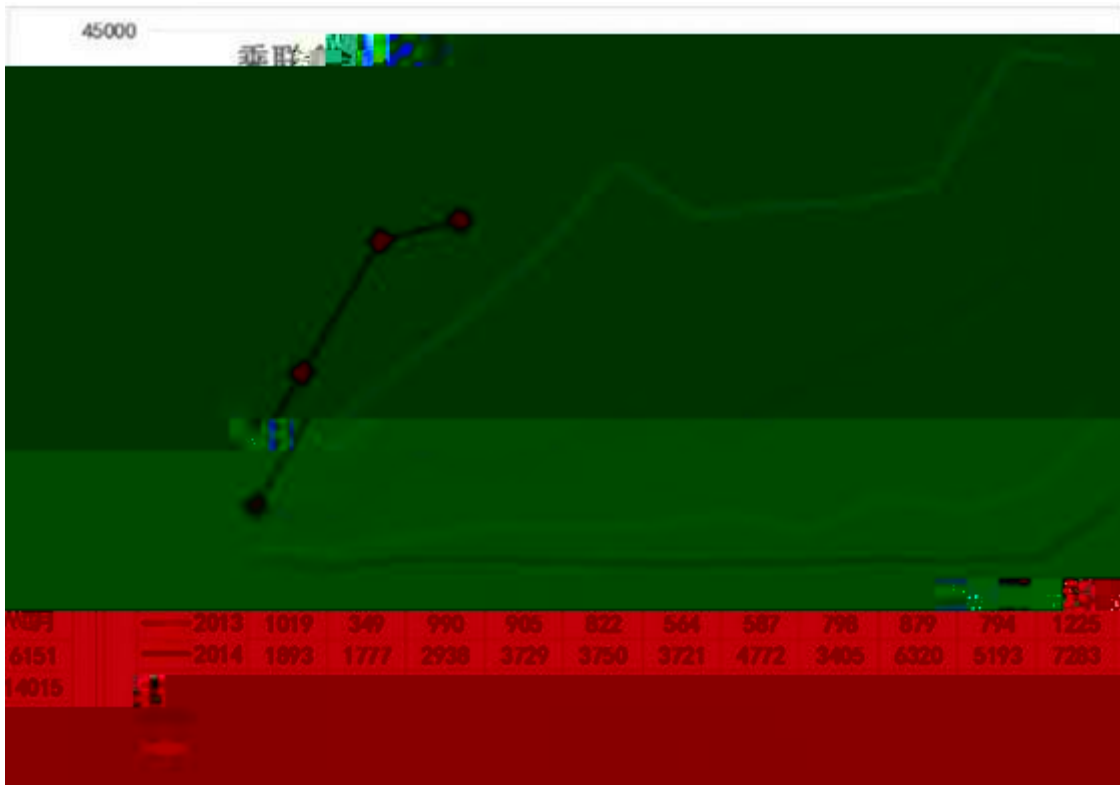
25%

“ ”

200

“ ”

2013



570

55.1%

346.2

61%

2016

2016

4931

229%

SUV

4.8

172%

64.33

36.73

	18369	74.59%	524.91
		32	
		?	
17	20		
2020	90%		

传统车企新能源汽车投资及产能规划								
No	公司	性质	主业	投资金额 (亿元)	建厂地址	2016年产能 (万辆)	2020年目标产能 (万辆)	2020年纯电动产能 (万辆)
1	比亚迪	民营上市公司	传统汽车, 电池, 光伏	150	惠州, 深圳	15	60	36
2	北汽新能源	国有	传统汽车	80	常州	8	30	30
		国有	传统汽车	100	青岛			
3	江淮汽车	国有						

2021

200

2020

40

2025

150

4

7500

40

/

2018

26

OEM

10

Mirai

Mirai

10

Mirai

Mirai

2014

300

Mirai

HirojiOnishi

8.5

10

500

20

46

FE Fuel Cell

FE Fuel Cell

SUV 2018
2025 FCV

2025

10

2018

BMW i8 Roadster

2019

iNEXT

2019

77914.128

117

14

7

2019

15

1

<http://china-hydrogen.org/fuelcell/mix/2017-05-15/6170.html>

Top

27

2 21

5

e.m.t GmbH

2017 5

<http://china-hydrogen.org/fuelcell/mix/2017-03-06/5970.html> Top

28 FCEXPO 2017

(FC EXPO)
(FCEV)

HySUT

13

PEMFC

SOFC

FCEV

HySUT

HySUT

FCEV

<http://china-hydrogen.org/fuelcell/mix/2017-03-20/6016.html>

Top

29

3 17

BR

Mirai 95%

HD85

Ballard
9SSL

9SSL

5000

13

9SSL

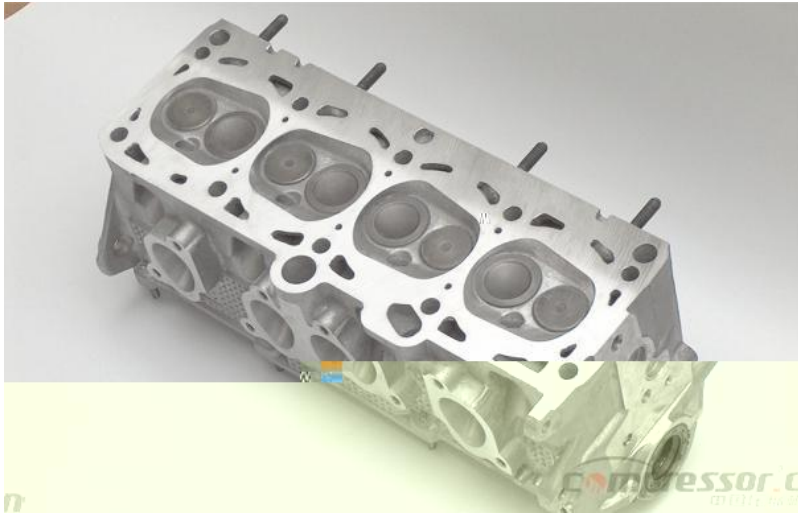
4

<http://china-hydrogen.org/hydrogen/mix/2017-04-09/6061.html>

Top

1

?



” “
” “
” “ ”

“ ”

“ ”

2011

50

2011

()

“ ”

4.0

“

”

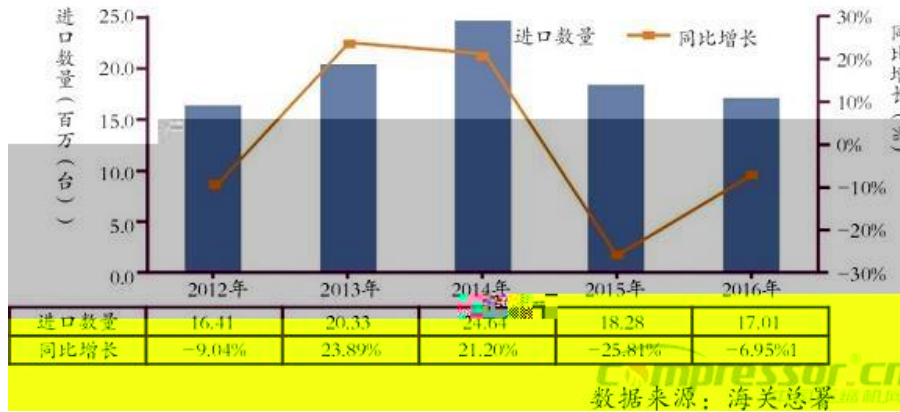
<http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=6&id=7080>

Top

2

			/	
	2m3/min	UF6		1m3/min
UF6			2:1	6:1
MLIS		UF6/	UF6	
UF6/		56m3/s		
1				
		2016	1-12	17.01
		6.95%	2015	18.28
		25.81%		
2012-2016			HS	84148090
0.90%	1			

图1 2012-2016年进口量及增速统计



2016 1-12

319.53

43.20% 2015

562.56

61.93% 2

图2 2012-2016年进口总额及增速统计



2

2016 1-12

85.55

2.31% 2015

83.62

14.26%

2012-2016

HS 84148090

1.73%

3

图3 2012-2016年中国出口量及增速统计



2016 1-12

1 011.23

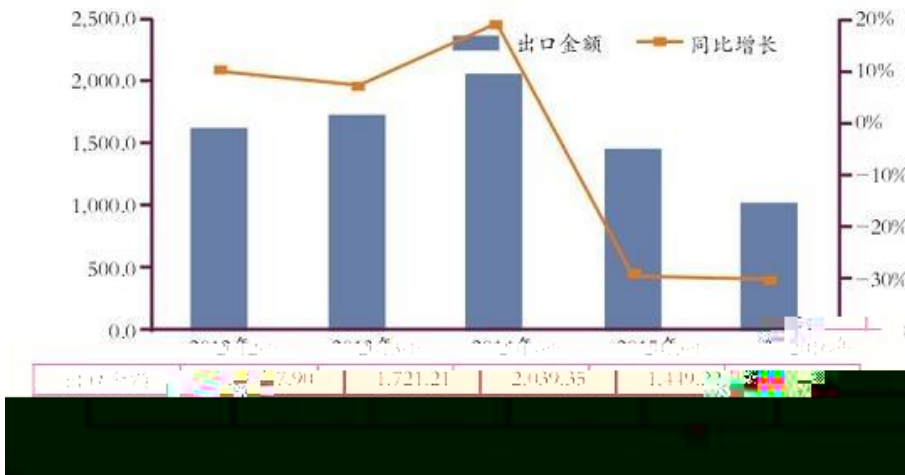
30.22% 2015

1,449.22

28.94%

4

图4 2012-2016年出口总额及增速统计



3

2020

298

2014-2020

7.1%

5

图5 2014-2020年复合增长率预测



2020

turboco

2013

2020

2013

2020

2013

2020

<http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=6&id=7079>

Top

3 2017

1

2005

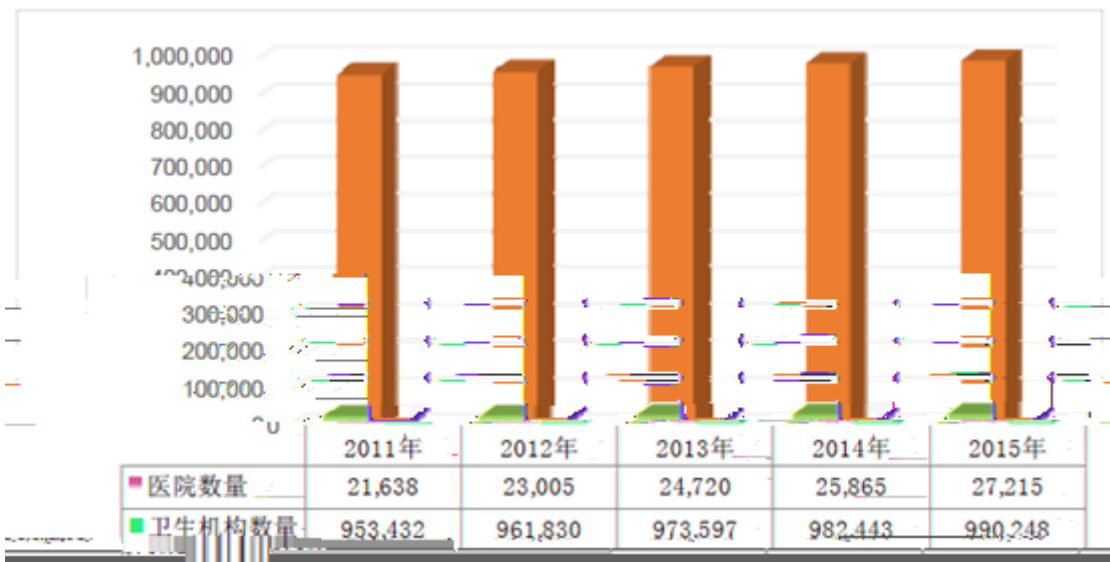
43.00%

2015

56.10%

70%-80%

2015
 990,248 27,215 2014
 7,805 1,350



2013

2

	2014	22
3,173		
	300	
		3,000
		2016~2018
103		2,000
3		
		2015
49,868		21,966

5,191.93

2

2014-2020

2020

5,800

3,000

2016 9 30

33

3,145.72

54%

1.5-2.0

3

20-28

45%

				2015	
		70,713.5			105.8E483] TJ160
3,860.4		5.4%	2015	500	
	11,913.2			15.0%	
		16,149		18.3%	
3					

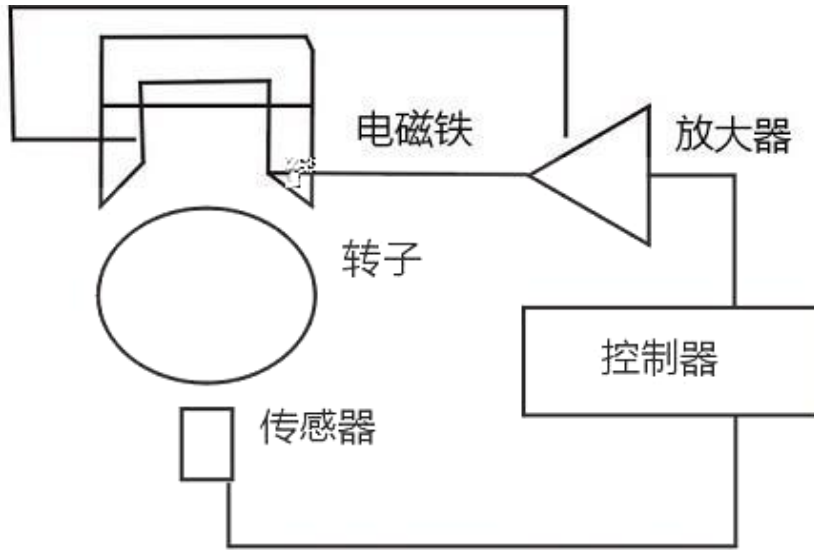
4

20 90

15-20

<http://news.ehvacr.com/news/2017/0320/100614.html> Top

4



磁悬浮原理图



1

()

3

()

5

1.

2.

3.

4.

5.

6.

7.

8. 10%

9.

10.

11.

100



磁悬浮压缩机轴系



NASA

Mecos

S2M

SKF

IBAG

CALNETIX

RE-VOLVE

ABS

LEVITEC

OKBM

300

2011

TA-TOIL

SKF

Asgard

2014

12000

SKF

1991

S2M

1992

2004

50000r/min

10

2500kW

15000r/min 2010

863

2008

FS450

90%

-

<http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=7086> Top

5

2015

2015 58.6% 40%

83.9% 12.90% 58%

36% 2016

2017

2016 2016

51.71 50.4 51%

2016 1-11

1-11 191 184 14

51.7 250-255

65% 30% 2016 11

50 11

1000

2016

2015 20 81.3% 2016 1-10

70% 83%

2025

2020 2025 2025

20% 2025

15

2030

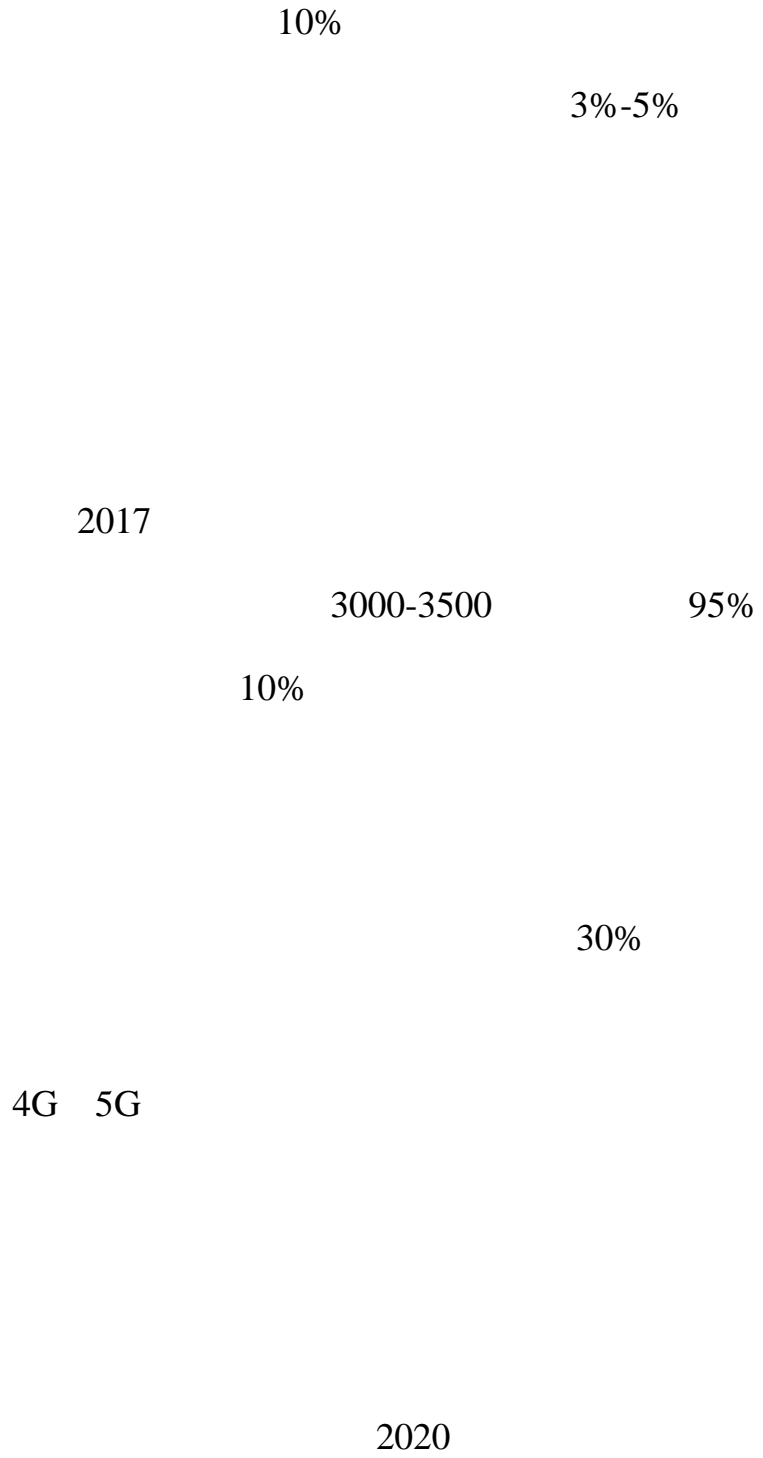
2030

40%

4.4V 4.5V

1C 1.5C

3C-6C



8 10

11

10%

50%

30%

150-160

http://libattery.ofweek.com/2017-05/ART-36001-8420-30131929_2.html

Top

6

2016



2016 11 22

2017

80 Wh

1 Wh

1 Wh

8

40 Wh

2015

40

2017

2016 12

2020

2016 12 29

2017 1 5

2017

PED

CR

3

105

1020

2017 2 20

2020

300Wh/kg

260Wh/kg

1 /Wh

-30

55

3C

2025

500Wh/kg

2020

1000

Wh

400 Wh

<http://libattery.ofweek.com/2017-05/ART-36008-8480-30132352.html>

Top

7

10

9.9

5

10

5

2.5

Ed

Kiczek

(EPFL)

14.2%

100

25

12-14

10000

hydrogenics

PowerCell

AB

PowerCell S2

AB

25kw

PowerCell S2

40%

35kw

PerWass n

PowerCell S2

35kW

25kW

30kW

5

8

HFCB

8

5

60

2017

500

8

12

5

<http://china-hydrogen.org/fuelcell/mix/2017-04-27/6119.html>

Top

1

50%

2017

8

2009

80%

15%

IPLV(C)

3D

0.5

30%

50%

2017

50

<http://news.ehvacr.com/company/2017/0328/100700.html> Top

2

5

20

GII

2001

3

<http://news.ehvacr.com/company/2017/0322/100662.html> Top

3

590.72

A

000651

600519

2016

1

30%

A

255

2012

2013	108.70	45.12	
41.50%			
2014	63.75%	141.55	90.24
2015	90.24		
72.00%			
255			

CEO

50

15

1

20

TOSOT

2016

12.82%

2016

<http://news.ehvacr.com/company/2017/0330/100715.html> Top

4

GE

SiC



NY-PEMC

2014

200

2018

Andrew M. Cuomo 3 24

33

25000

2500

Claus A. Petersen

10%

5%

500

<http://news.ehvacr.com/company/2017/0327/100685.html> Top

5

2017

2017 3 30

2017 ()

"

"

2017

80

N1

B-13



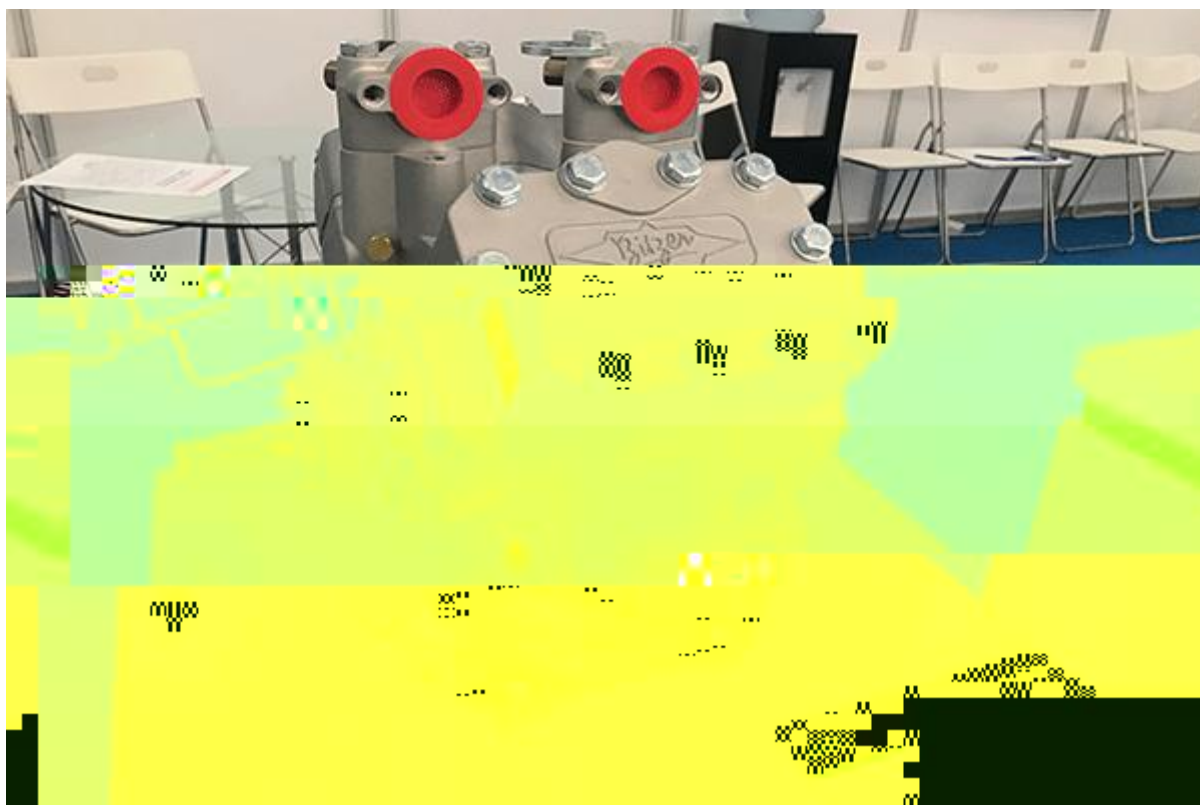
2017

2006

ISO9001

2GFCY 4NFCY 6NFCY

6 -18

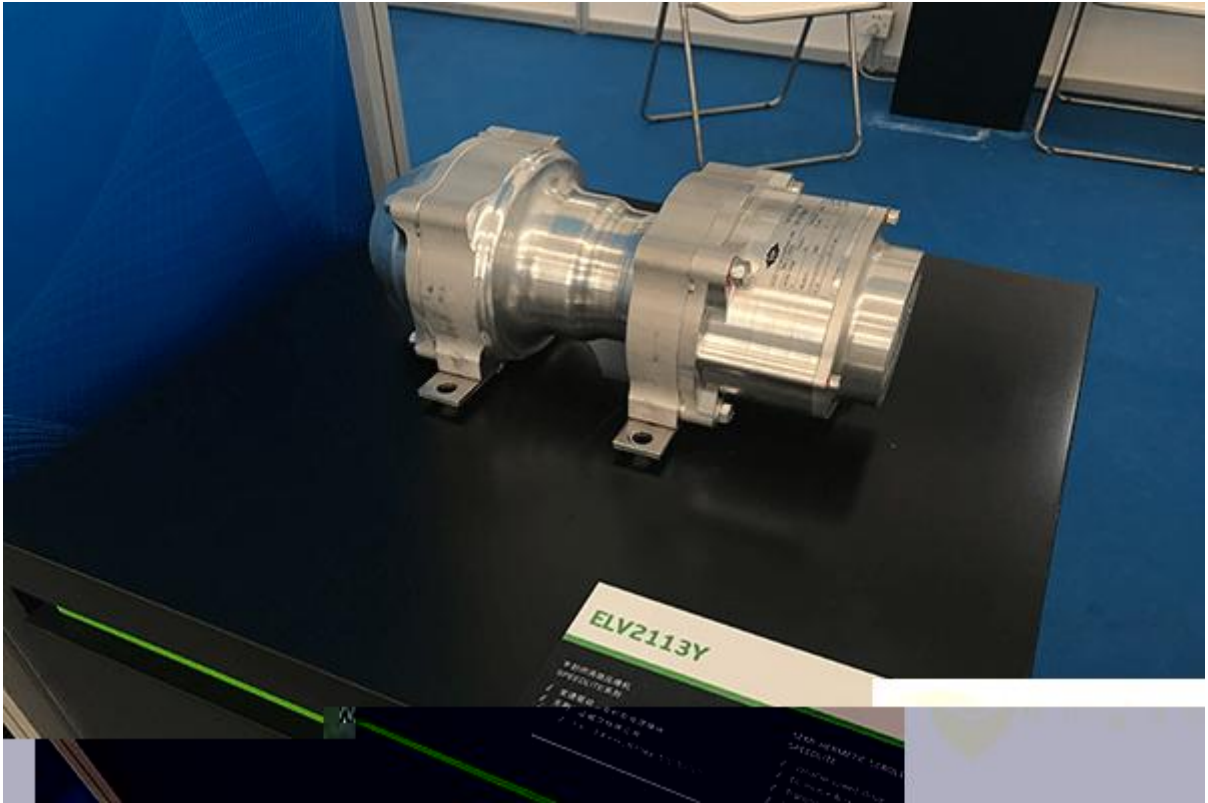


4NFCY

ELV2113Y

ELV

SPEEDLITEELV



ELV2113Y

1994

80

http://www.chinabuses.com/supply/2017/0331/article_77829.html Top

6

ORC

2

ORC

ORC

ORC

ORC

ORC

SKYe479

3MV

SKYe192

<http://www.compressor.cn/News/qyzc/2017/0507/95916.html> Top

7

2017 4 24 28

Emeraude-ALE



Emeraude-ALE

kW 1

132~160kW



compressor.cn
中国压缩机网

1

OEM

2

IE2 IE3

20

96-98

20

3

1

2

3 IE3 V IPM

4

5

6 IOT

<http://www.compressor.cn/News/qyzc/2017/0427/95608.html> Top

8

VT

1.5kW-30kW VT

8-10bar

0.17m³/min-3.42m³/min

1.5kW-250kW



VT

1.5-3.7kW

7.5-30kW

45-50

55-60

VT

KAPP





2006

KAPP

KAPP

<http://www.compressor.cn/News/hyqx/2017/0430/95718.html> Top

10

2016

6-10%



18.5kW-110kW

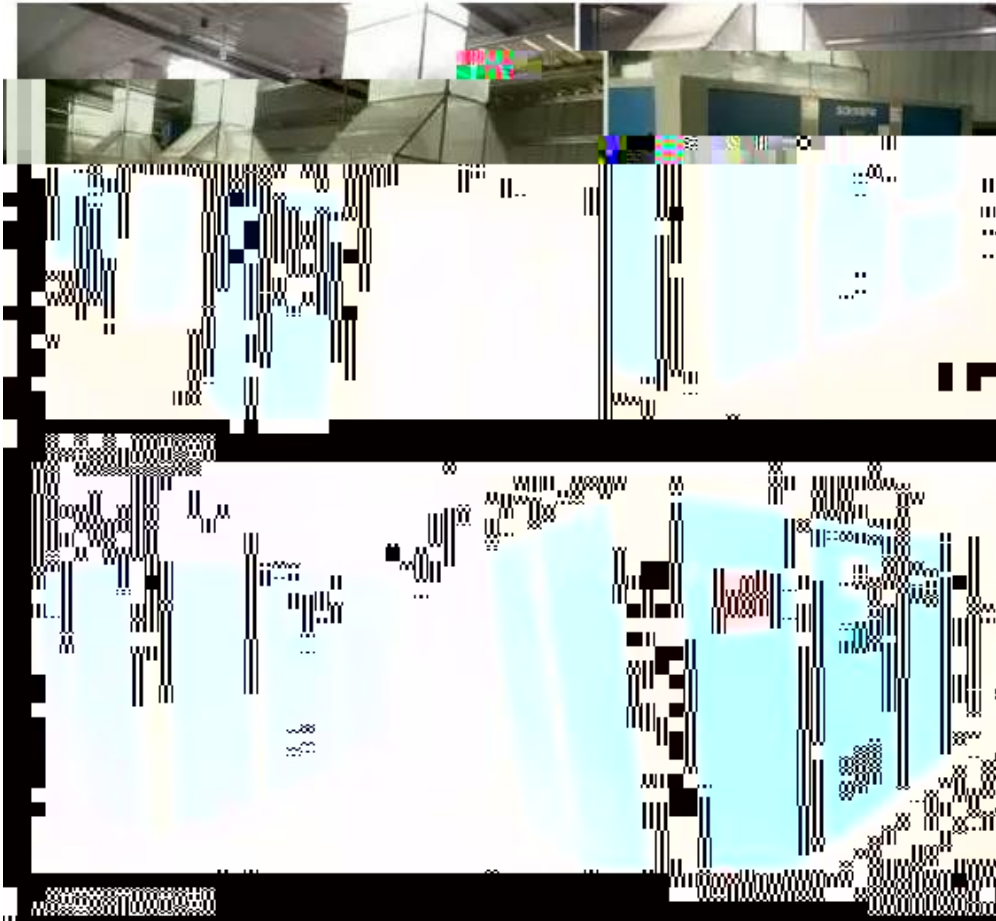
1

2

3 “ ” “ ”

4





		DSR-50AZ-8	4.8m ³ /min
69A	397V	90.5%	7.72kW/m ³ /min
SCR50EPM-8		7.1 m ³ /min	6.4 kW/m ³ /min

12	×330	2.72	
		14.7 m ³ /min 7bar	270.6A
388V	88%	7.8 kW/m ³ /min	SCR150EPM-7
	25.6 m ³ /min	5.9 kW/m ³ /min	
18 m ³ /min	6000	16.42	

<http://www.compressor.cn/News/qyzc/2017/0413/95074.html> Top

11



“ ”

<http://www.compressor.cn/News/qyzc/2017/0413/95028.html> Top

12

3 2

2016

5 5 KS Orka Turawell 51%
3 , 2.7MW,
11.1 /kWh(1%), 10 ;
70MW, 30MW Turawell

Turawell

PED

UI

Turawell



<http://www.compressor.cn/News/qyzc/2017/0410/94906.html> Top

13

FS-Curtis

NxD45-90kW

FS-Curtis

Nx

90%,

Nx 8-90KW

,

<http://www.compressor.cn/News/qyzc/2017/0408/94864.html> Top

14

“

”

2017

([2017]242)

“

”

“

”

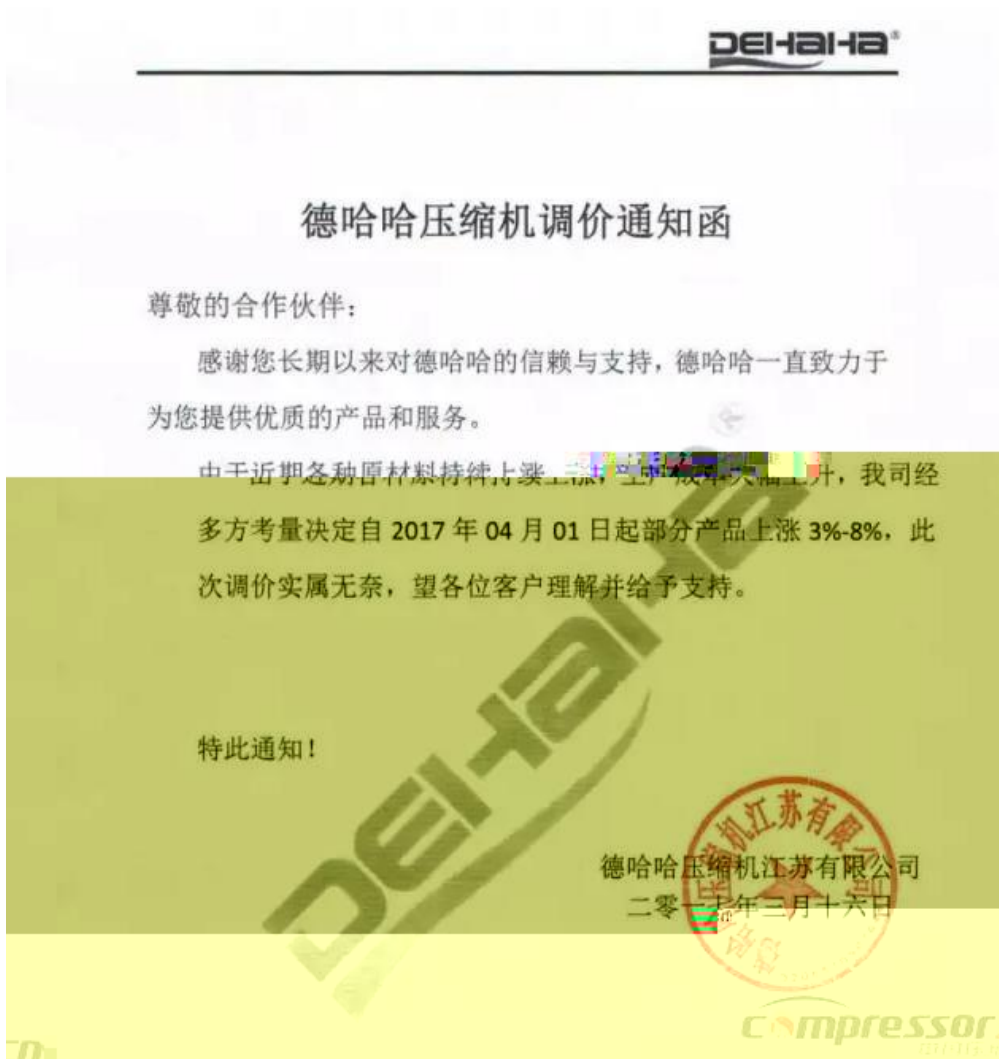
<http://www.compressor.cn/News/qyzc/2017/0330/94566.html> Top

15 4 1

3%-8%

4

1 3%-8%



<http://www.compressor.cn/News/qyzc/2017/0318/94031.html> Top

16

Pfeiffer

Pfeiffer

Hicube Eco

Hipace 30

Hipace 300

Hipace

300 H

1*10-10hPa

Pfeiffer

Hicube Eco

1.

2.

3.

4.

Pfeiffer

Pfeiffer

1.

2.

3.

4.

5.

<http://www.chinesevacuum.com/ShowArticle.aspx?id=53854&pid=39>

Top

17

3 31

343

1000

31

60

" " " "

"

" "4+N"

2020

2000

5000

"

<http://www.chinesevacuum.com/ShowArticle.aspx?id=53979&pid=39> Top

18 Edwards 2017

2017 4 26 -28

Edwards

2017

PFEIFFER Leybold

514

Edwards

Edwards

Edwards

Edwards

nEXT85

nEXT

Edwards

AIM

TIC

Edwards

AIM

TIC

6

Edwards

6

Windows

GXS

EDC

GXS

GXS

EDC

EDC

Edwards

Edwards

Edwards

3D

Edwards

Edwards

Edwards

95

75

LED

<http://www.chinesevacuum.com/ShowArticle.aspx?id=54084&pid=39>

Top

19

2020

11.5

56.82

6

2020

11.5

6

	6.9			2016
		18.5GW	17.3GW	
2015	11		20	2.5
				2017
	20GW	19GW		
			10	
2013		350MW		5
				0.3 /kwh
		0.7 /kwh		
	0.2 /kwh			30%
			4 3	
SunEdison			SunEdison	
		SunEdison		
		2017		76.4GW-80.9GW

40

40

2016

45.5

SunEdison

SMP

“

”

SunEdison

CCZ

“

”

“

”

SunEdison

MEMC Pasadena

25

35%

2013

3000

2015

N

2015 5

2016

N

“

”

SunEdison

—

CCZ

“

2

2—3

4

”

“

”

P

SunEdison

MEMC

1959

2010

2016 4 19

Chapter11

2016	69345	9951
17.33GW	17.52GW	23%
30%		

SunEdison

http://www.semi.org.cn/pv/news_show.aspx?ID=19273&classid=12 Top

21

“ ” “ ”

“ ”

2017 2018

75 80

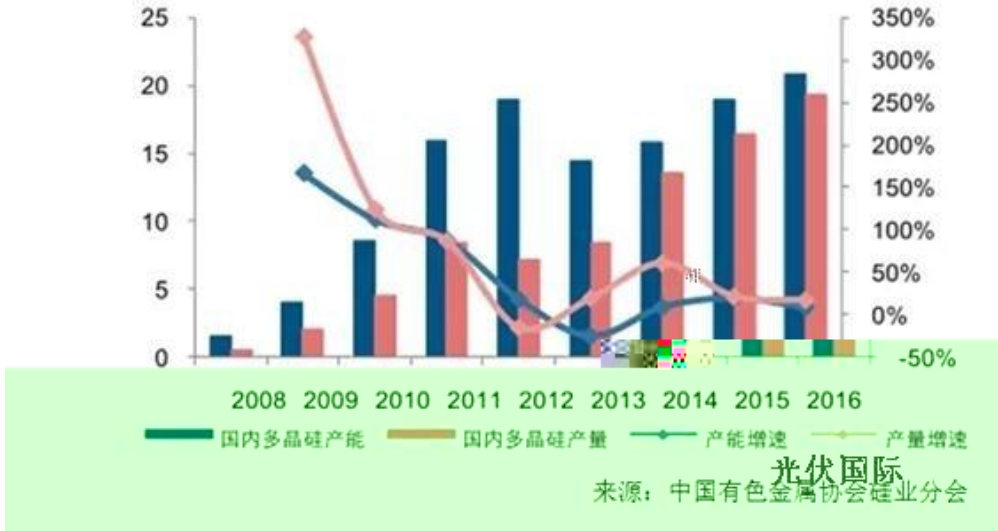
30



2016

21	45		
2017			6
2018	10		
	6000		
	2016	2 6	1 6
1 2	1 3	1 7	LDK1
7		80	7
	2017		28 5

国内多晶硅产能、产量增长图（单位：万吨）



2016

60

8

48

2016

6 2

OCI

5 6

7

5 2

Hemlock

4

REC1 8

1 1

22

“ ”

2017 3

12529

14 5

2017 4

23 7

6 30

2017

100

90

http://www.semi.org.cn/pv/news_show.aspx?ID=19404&classid=12 Top

22

Q1



9

2015 ~2016

10

3.75% 210.46

6.06

28.79%

1.27

2017

25.65%

8600

30%

17.37%

2017

127.4 kWh

2016

189.3 kWh

32.7%

32.8 kWh

12.5%

21.7 kWh

63.9%

30 kWh

800

1000

40



() 4 13

40

2018

2.5

5

40

<http://libattery.ofweek.com/2017-05/ART-36001-8460-30132362.html> Top

24

60

30GWh

60

ERX5

2020

60







20

49%

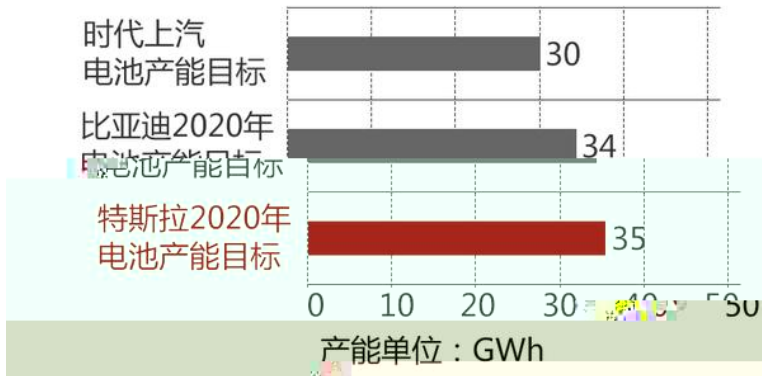
51%

3

51%

49%

电池产能对比



30GWh

60

ERX5

300

2016

8Gwh

6GWh

2017

2020

34GWh

Gigafactory

35GWh(

50

)

2020

2020

A123

(

)

A123

2013

51

2018

1

2

8

http://libattery.ofweek.com/2017-05/ART-36001-8460-30134326_2.html

Top

1

4

1

5%

7%

2017-03-14

2017

4

1

5%

AM

ACM

7%



主机价格调涨通知

尊敬的客户：

由于物料成本的上涨,自 2017 年 04 月 01 日开始,对全系列主机涨价 5%,其中 AM 及 ACM 机型涨价 7%。



<http://www.compressor.cn/News/hyqx/2017/0313/93790.html> Top

2 -- : 1+x ,

2017-03-06

:
: A , 300 0.23%,
0.69% , ,
3.92% 1.58%
:
, 1 ; 11 ,
1000 ; AI Duet
: (002158):2016 9.53%;
6.27%; (300316):
:
1339 ,
, ,
, ,
50%,
600 / ,
/
,

,
, , 15-20
7 -8 , : CHiQ
ET
, ,
2016 5
, 2020 , 500 , 5000 ,
200 , 1 ,
0 1 ,
, B ,
+
, Top

3

2017-03-13

95%

2020

7000

2000

1

2

3

Top

4

2017-03-13

000530

002639

600125

Top

5

2017-03-14

000530

603339

4%

002158

3%

Top

6

4

2017-03-16

3 10

375

1180

2 20

1195

16

				150
3000				
		0-2		
			Top	
7		2	---	
2017-03-20				
	SW	1.38%	300	0.86
				+2.29%
	+2.04%			
+3.81%		+3.79%	+2.56%	
			002689. SZ	
+23.80%	300475. SZ	+17.54%	002722. SZ	
+14.78%			300066. SZ	
+9.02%	002008. SZ	+4.33%	002472. SZ	+2.87%
		2016		

2016

	2016		2200	22.3%
2016	305	4015	10037	
8.2%	2017		,	

GB1589

	2017		
000811. SZ	002158. SZ		
			1

Top

8 20

2017-03-20

40%~50%

90%

Mirai

1	(300325)	(002733)
(300068)		
2	(600846)	
3	(000969)	
4	(002639)	(002158)
5	(002274)	(300228)
(002080)		(600459)
	(002249)	Top

10

2017-03-29

		2016		9.74
/+9.53%	1.66	/+6.22%	0.31	2016
	2.67	/19.52%	3757	/+26%
2016	36.12%	2015	35.33%	0.8

5.78	/+-0.28%	59.24%	LT
LB		RG	2016
		2.38	/+25.8%, 24.45%
	AM		2015
2017		4933	/92.5% 5%
	3839	/+14.9%	3.94%
6940	/+14.6%	7.14%	
			ORC
	EPC/EMC		2016
	ORC		
2016			
		EPC	EMC
	EPC/EMC		
	2017		2016
		2017	6
			2017 9

2017

				2017~2019			12	14.5	17
2.12	2.5	3	EPS	0.4	0.47	0.57	PE	27.9	23.6
19.6									

			2017				2017~2018		
2.5	2.92	EPS	0.47	0.55	PE	24	20	Top	

11 : -----

2017-03-30

2016 , 2016 9.74 , 9.53%;
 1.66 , 6.22%; 1.52 ,
 10.31% 0.31 ,
 2.68 , 19.52%; 3757 ,
 26.01%

:

,

,

50%

2007 3.79 2016 9.74 , , CAGR 11%

2015 , , ,

2016 19.52% 26.01% ,

2016 2016 6589 ,

33.80%,

2016 0.79 ,

, 22.33% , 44.91%,

;

2016 59.42%,

5.79 , 0.28% ,

2016 ,

, ,

, 2016 2200 , 22.3%

30% 2017 ,

, , ;

, GB1589 ;

,

2016

				2017-2019	EPS	0.36
0.42	0.51	PE	30.56	26.25	21.98	

http://www.cs.com.cn/gppd/tzpj/201703/t20170331_5227472.html

Top

12

2017-04-14

2017 4 12

/

HFO

C02

FMS

R1234ze



<http://www.compressor.cn/News/qyzc/2017/0415/95136.html> Top

13

5.06%

21.11

2017-04-19

2017 04 19

09 31

002158

14

16.67%

2017-04-19

4 17

6.44 /

400

2576.64

1983.46

2015

2016

55.10%

30.00%

单位：万元

项目	基期		预测期	
	2016年	占营业收入的比重	2017年	2018年
营业收入	12,650.93	100.00%	16,446.21	21,380.07
应收账款余额	2,839.41	22.44%	3,691.23	4,798.60
预付账款余额	691.58	5.47%	899.05	1,168.77
存货余额	2,546.62	20.13%	3,310.60	4,303.78
经营性流动资产合计 (A)	6,077.61	48.04%	7,900.89	10,271.15
应付账款	1,706.36	13.49%	2,218.27	2,883.75
预收款项	1,438.92	11.37%	1,870.60	2,431.78
经营性流动负债合计 (B)	3,145.28	24.86%	4,088.86	5,315.52
流动资金占用额 (A-B)	2,932.32		3,812.02	4,955.63
预测期各期流动资金需求			879.70	1,143.61
预测期流动资金需求合计			879.70	1,143.61



2017 1 18

2016

1.27

32.30%

954.61

35.90%

2,600

400

2,400

400

16.67%

关于认购德耐尔股份的进展公告（二）

本公司及董事全体成员保证信息披露的内容真实、准确、完整，没有虚假记载、误导性陈述或重大遗漏。

上海汉钟精机股份有限公司（以下简称“公司”或“汉钟精机”）第四届董事会第十四次会议审议通过了《关于认购德耐尔股份的议案》，公司以自有资金不超过人民币 2,600 万元认购德耐尔节能科技（上海）股份有限公司（以下简称“德耐尔”）发行的 400 万股股份。认购完成后，德耐尔总股本为人民币 2,400 万股，公司持有德耐尔 400 万股，占比 16.67%。德耐尔是一家在中华人民共和国境内设立的股份有限公司，拟在全国中小企业股份转让系统（“新三板”）挂牌后定向发行股票。前述详细内容及相关公告已于 2016 年 12 月 1 日刊登在《证券时报》、《上海证券报》及巨潮资讯网（www.cninfo.com.cn）。

2016 年 12 月 30 日，德耐尔收到了《关于同意德耐尔节能科技（上海）股份有限公司股票在全国中小企业股份转让系统挂牌的函》（股转系统函[2016]9958 号），同意德耐尔在全国中小企业股份转让系统（即“新三板”）股票，转让方式为协议转让。德耐尔将按照有关规定办理挂牌手续。相关公告已于 2017 年 1 月 3 日刊登在巨潮资讯网（www.cninfo.com.cn）及 2017 年 1 月 4 日刊登在《证券时报》、《上海证券报》。

2017 年 4 月 15 日，公司与德耐尔确认了认购价格并签署了《认

15

11.84

2017-04-20

4 20

(11.86 -9.81%,)

12.94

14:55

9.96% 11.84

2017-04-19

4968.9

5288.95

63.54

383.58

0

()

2016 12 31

9.7377

1.6645

6.2152%

0.3138

250

71

5

13

Top

16 4 5

2017-04-05

603993

Top

17

—

2017-04-06

2016

3

(11.66 +10.00%,) (18.40

+8.62%,) 8%

2

4-6

15 PE

(21.77 +0.65%,

)

10

90%

(16.46 +2.24%,)

30

(7.68 +1.59%,

)

16

40%+ 2017

(35.04 +0.57%,)

2

1

100%

Top

18

3

2017-04-09

， ，

3 :

1 :

2 :

3 : ，

2

，

， ， ，

" " ， ，

， ，

: 002158 000811 Top

19 7.40%

2017-04-07

(12.150, 0.00, 0.00%)

7.40% (9.980, 0.00, 0.00%) 2.43%

(18.290, 0.00, 0.00%) 2.70% (11.890, 0.00, 0.00%) 1.02%

<http://finance.sina.com.cn/stock/e/2017-04-07/doc-ifyeceza1454594.shtml> Top

20 11

2017-04-10

[]

			3		
51.8				4	7
					300
1.78%		2.32%		2.83%	
			3		21389
56.2%	1-3	40467		98.87%	

30

4.0

3

10

EPC

Top

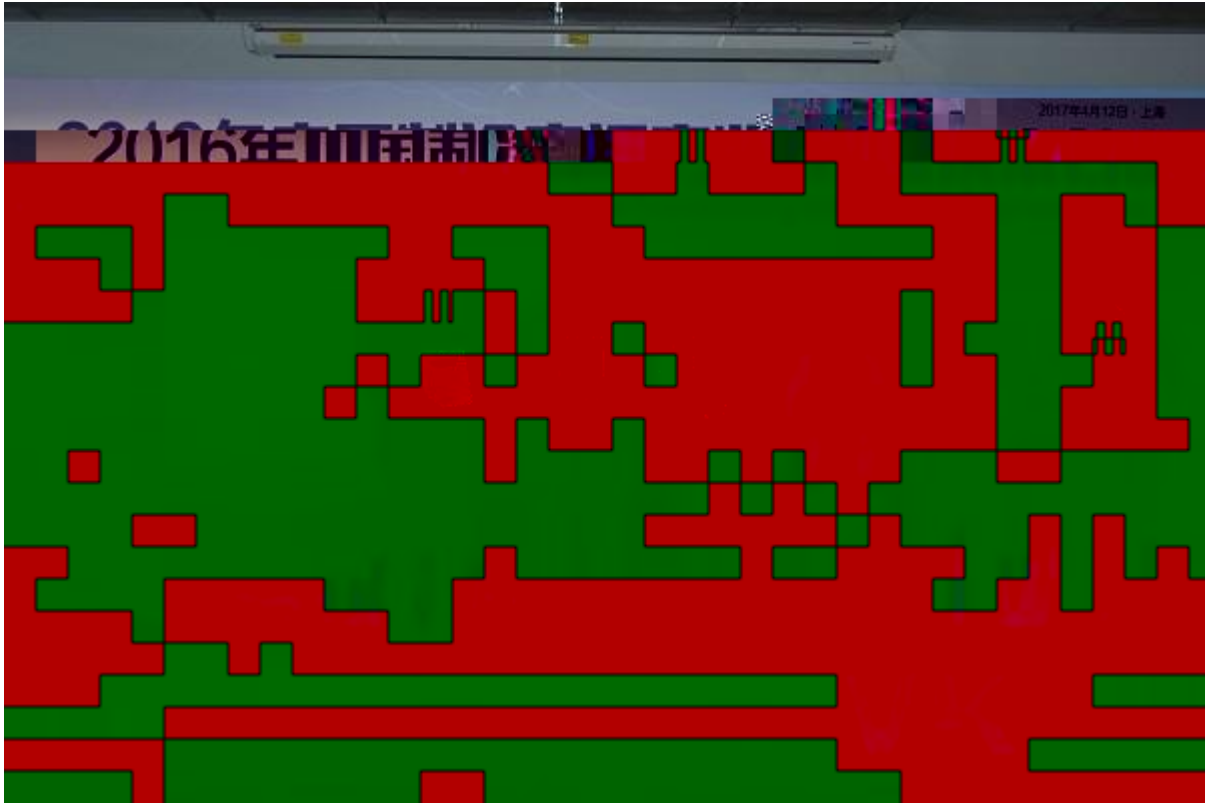
[21](#) [2016](#)

2017-04-13

4 12

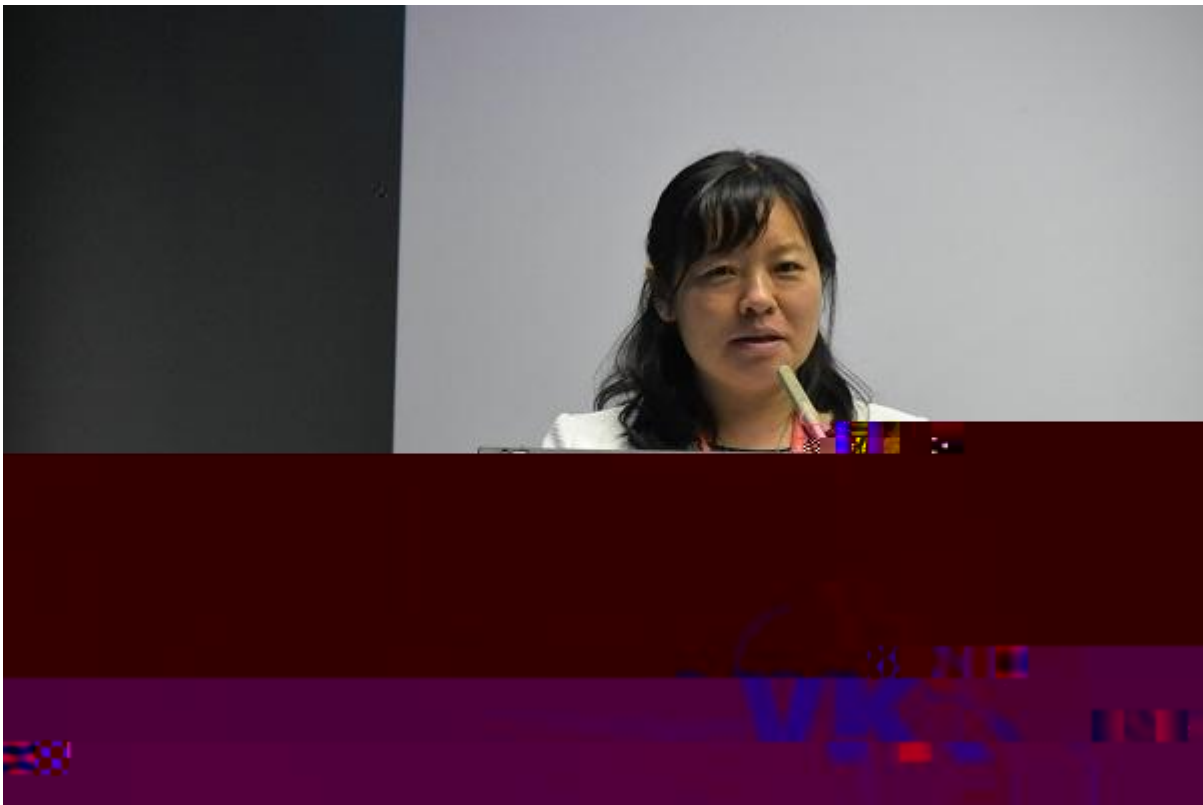
2016

2017



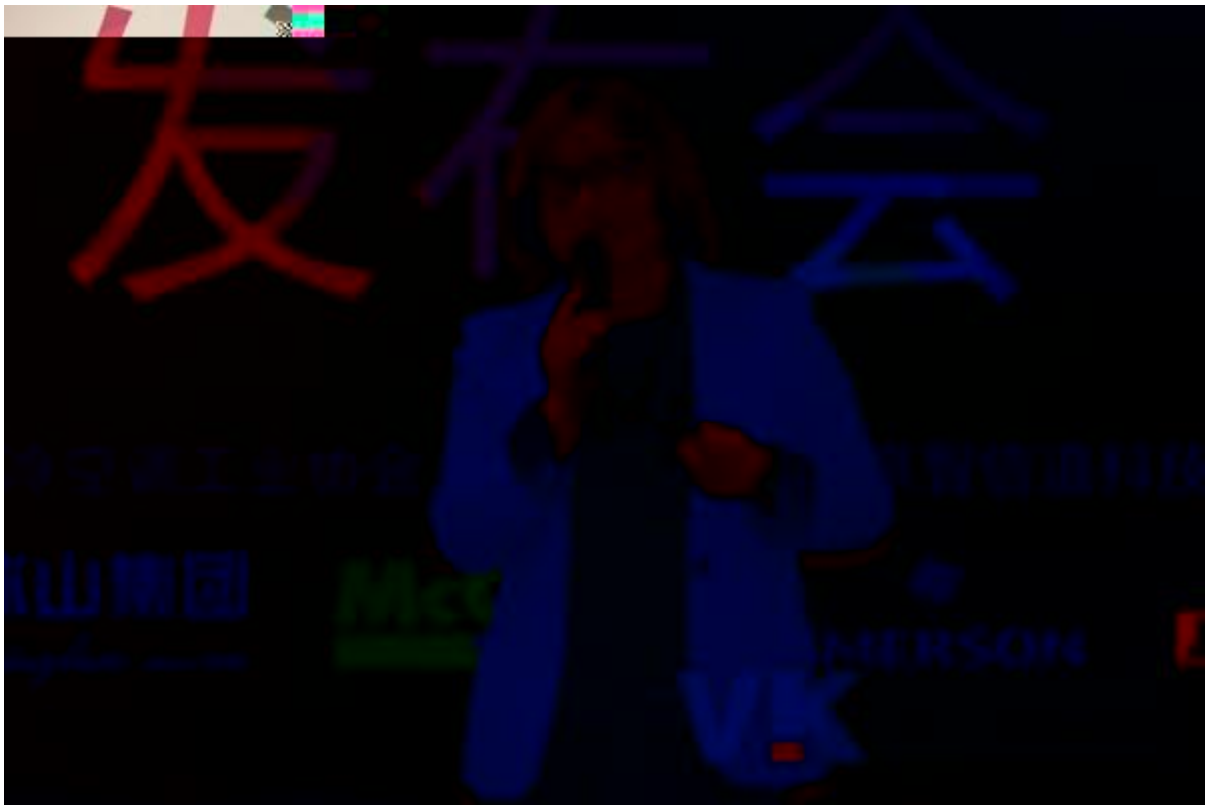
2016

6 000



2015

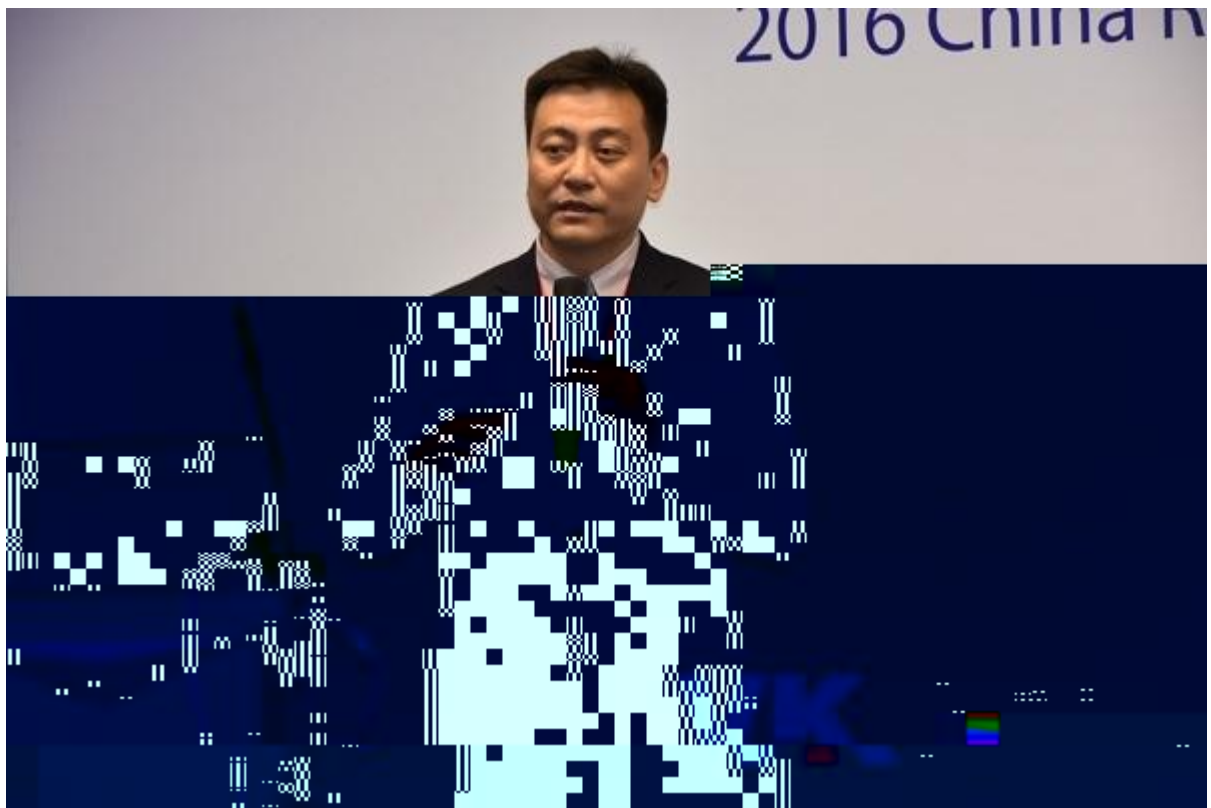
2016



/



/



2016

2016



<http://www.chinaiol.com/sy/r0413/73180722.html> Top

22

2017-04-17

92%

() 11 ; 500MW

002158 600100 002011

2%

http://licaishi.sina.com.cn/view/572029?ind_id=1 Top

23 77

2017-04-17

3203.21 -1.32% A 3134.65

77 A

(41.920, 3.46, 9.00%) (11.970, 1.09, 10.02%)

(12.200, 0.49, 4.18%) 6.38% 5.52% 3.16%

(35.310, -0.60, -1.67%) *ST (7.110, 0.17, 2.45%) (19.380,
0.17, 0.88%)

<http://finance.sina.com.cn/stock/t/2017-04-17/doc-ifyeifqx6090657.shtml> Top

24

2017-04-18

2.22%

2. 65%

2017 4 12 14

16

8300

9100

1960%-2158% (2016

403

).

1

2016

1

3

2

2016

1. 15

78%

2016

2200

22. 3% 2016

305

4015

(

10037

)

8. 2%

2017

GB1589

2017

(000811. SZ)

(002158. SZ)

4 6

+

Top

27

2017-04-24

4 21

+

+

2017

1000

1600

2800

002158

002011

2%

Top

28

“ ” “ ”

2017-04-26

3

7

10

1

78.8

3

2015

78.8

11

6

3.65

Top

29

3

6

2017-04-26

1

2

30

3

4

1

2017

5 1

10

2016

IC

17

IC

IC

IC ()

10

IC

IC

300205

002229

002104

300077

2

002450

300285

300054

3

26

30

(600028)

(600028)

(600028)

2017

1000

450

95%

500

002158

002011

300157

000852

Top

30

“ + ”

2017-04-28

30

	AI		AI
0	20%		
26			
		AI	
20%			
AI		6	
	AI		
		-	
			Top
31	(002158)2016	:	Q4

2017-04-06			
2016	974		9.5%
166	6.2%	EPS	0.31
			2016 Q4

		268		19.5%	
38		26.0%	2016		10
2.2					
	2016			579	
0.3%					
2017					
			2016		
2016			238		25.8%
2016			42.7%		
			AM		
	2016				
		18.91		92.71%	
2,600				16.67%	
			2017-2019		1,173
1,335	1,523	EPS	0.383	0.437	0.501

Top