emily_huai@hanbell.cn
ir@hanbell.cn

021-51365368

1.
2.
3.
4. 11
5.
6.
7.
8.
9.
10.
11.
12.
13.
14. 2017
15.
16.
17. 2017 50

18.

19.

20. 60%

21.

22. FC

23.

24.

1.

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4.

5.

6.

1. CO2

2. Calmac

3.

4. 40

5.

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11.

12.

13.

14. **3**

15. 31 320

16. 1

17.

1

4

2017 21.85%

73.24%

GMCC

GMCC

GMCC

GMCC

+

H-FCs 2004

R290 GMCC

R290 GMCC

GMCC / /

GMCC

GMCC

GMCC

http://www.hvacrhome.com/news/show.php?itemid=31424

2

1

7

10%~30% 10~50

5%

20%

2

8 24

2017-2018

2017 10 2018 3

50% 30%

500

3

8 27 98.78

67.90%; 5.52 1168%

7.51 1006.12%

10 8 21

2017 91.61 51.28%; 5.45

3148.5% 25

Antofagasta

8 29 6800 / 2014

53000 /

4

2016 10

1

2

3

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=7464

3

Wind 8 14 18

6 16

7 1

25%

1 ;

20

50%

70%

77%

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=7463

4 11

2017-2018 , 2017 10

2018 3 2+26 PM2.5 15%

15%

2017 10

( )VOCs

VOCs

VOCs VOCs

30% 30%;

50% ;

VOCs VOCs

http://news.ehvacr.com/news/2017/0914/102255.html

5

6%

10% 15% 2040 70%

NRDC

EESL

2 3

100 000 40%

BEE ISEER

2018 2019 BEE

20% 25% 2018 2019 2016 2017 4 2

5 ISEER 4.5 EESL 5.2

ISEER

BEE BEE

App

GWP

GWP

http://news.ehvacr.com/news/2017/0918/102280.html

6

60 90%

5 7.5

18.64 0.56

196 2.5

10.2 25.42 0.765

( )

( ) 10 ;

( ) 5 2016 131 2012

( )

3

32.5% 14.96

( )

8 3 20 /

7969

3000 630 1.7

319.2 1788

4195

45 3

43

94 1750

6600 4500 1.6 490

40

3000

2012 300 2014

600

3

15

1.5

0.71 / 1200 3380

0.4 /

( )

50%

4000

118

http://news.ehvacr.com/news/2017/0922/102369.html

7

2~3

50

100

8 14

10%

http://news.ehvacr.com/news/2017/1012/102546.html

8

http://news.ehvacr.com/news/2017/0922/102361.html

9

http://news.ehvacr.com/news/2017/0914/102246.html

10

(

)

Kuehne+Nagel Frank Ganse 2016 2017

50% 2017 2018

9 15 7700

(Drewry) 2015

60%

http://news.ehvacr.com/news/2017/1016/102581.html

11

www.hvacrhome.com 2017 10 14 2017

26 1 425

2

2018 5 1

GSP

GSP GSP

, :

1)

2) 5

3)

4)

5)

6)

7)

8)

9)

10)

http://www.hvacrhome.com/news/show.php?itemid=30898

12

7 7 100

80 11% 49%

7 31

7 PMI 51.4% PMI

0.3 10 51%

1151

29% 13 6 8284

30.5% 2016 16.8%

LNG

30% LNG

2015

LNG

2015

2014 55% 15%

2015 2025

5 30%

2015

21

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=7398

13

96.4% 1-5 378.85

2016 2016 1.36 1-6

41975 4.6% 6 244.1 4.72%

9 -9.5 5371.12%-5675.08%

50% 34.68 2017

52 *ST

5 10

PMI 7 54.9%

0.8 50%

2017

1 2017 2

2017 2017

2017 1 1 2008

2008 2017 10 1

2017 1 1 2017 9 30 2008

1. 2017

15

2020 40 2025

150

i

i

2019

2015 2050

2050 90%

8 29 -

-

4

7.4 -

2015 2017 202

10000 2000

2015 8 Mary Nichols 2030

2016 4 LabourPVdA 2025

2025

2016 5 DagensN ringsliv

2025

2016 10 2030

2030

2017 6 2030

2020 600 700

2017 7 Nicolas Hulot

2040

2017 7 2040

2050

2030

3000

50% 2040

1 6

200 0.2% 1

140 / 140 840

1.4% 8.8%

50% 3.1% 2020

1.1 12%

200

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=7541

16

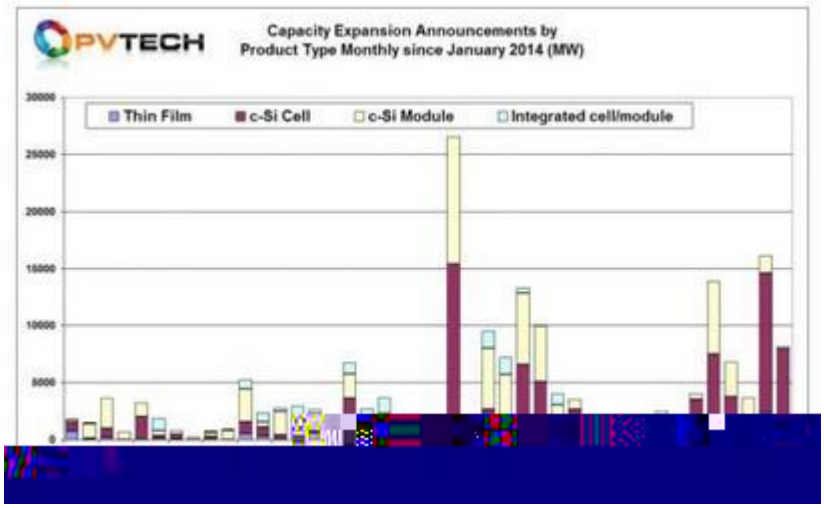
10 10

http://news.ehvacr.com/news/2017/1013/102569.html

17 2017 50

PV-Tech Mark Osborne

2017 2016 2016

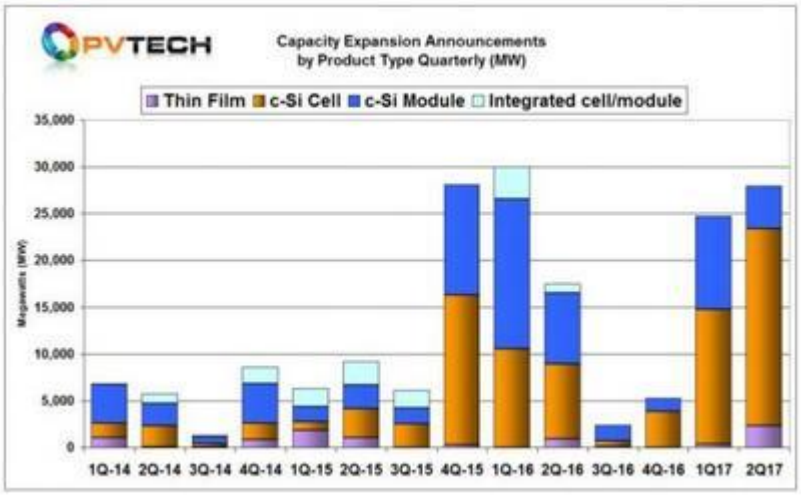


2017 50

2017

28 2.3

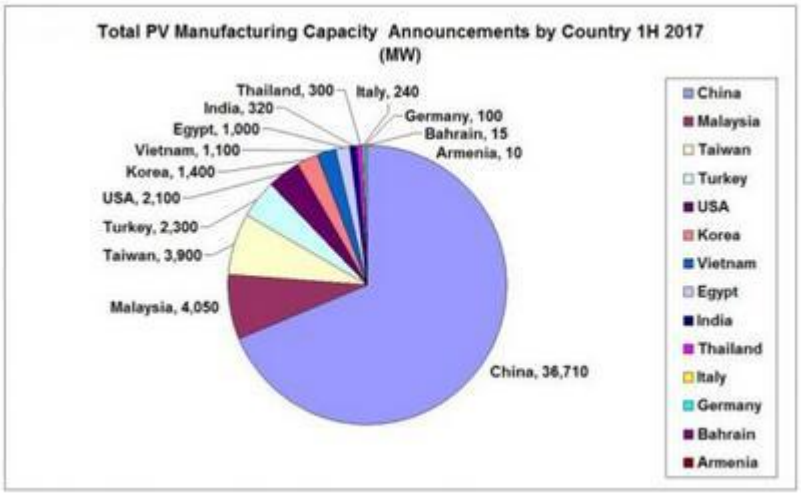
21 4.6



36.71 50

70% 8% 7%

2.3 4%



2017

90 100

http://news.ehvacr.com/news/2017/1012/102555.html

18

2014 7.47 324%

5.9Gwh;2015 33.1 343%

17.0Gwh;2016 50.7 53%

30.5Gwh

2020 200 170Gwh

1000

1 ;

2 ;

3

2016

100

9 27

2016 3

20 18650

8000 18650 2018 3

PACK

9 22 CEO ? ( )

2020 10

8 17.2

10 24

10 24

PACK

G38 (

5) 3.3

9 9 ( )

( )

80 8 GWH

80%

/

7 5 50

(6.55) -

6 1

/

5 4

20 49% 51%

; 3

51% 49%

;

http://libattery.ofweek.com/2017-10/ART-36001-8420-30171765.html

19

, ,

,

, ,

, , ,

,

, 2025 ,

,

, 2020 , ;2025 ,

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, ,

, , ,

, ,

5 ,

, 2020 36GWH(360) ,

35GWH , ,

200

, 9

, 1.46 Pilbara Minerals 5600

,

, Pilgangoora , 28

3 , 2.45 ,

, ,

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, ,

, ,

, ,

, ,

, 2019

, ,

,

, , , 70.55 , 56%;SUV

H6 ,

SUV , 2020 ,

, , ,

12 8 6

(ShinEtsu) SUMCO 1 2 12

120 75 60%

4 6

8 12

8

SEMI 2978

5 SUMCO

2018 2019

2017 2020

4.3 % 5.4% NAND FLASH

;

12 46 63

12 109 ;

IC

12

2015

Sumco 2015 21 Sumco

20 50% Siltronic( )

2015 10.5 SunEdison Semiconductor LG Siltron

Global Wafer 7 8 3

92%

2016 4~6 ( ) 5200

4~6 8

( ) 46

23.3 / 2016 8 (

) 120 8 80 2020 750

-800

12 50 / 2018

110 -130 / 12

12 IC

11 9 (99.999999999%)

4 5

2200 200

6 12 44

6000

3 6

8 12

2017 12 15

2020 30

http://www.semi.org.cn/news/news_show.aspx?ID=50645&classid=117

21

2017 2016

3389.3 1.1%

4.7% 3.6% 2016 11985.9

2016 4335.5

20.1% 1644.3 1126.9 1564.3

24.1% 25.1% 13%

20%

DRAMeXchange

2014 6

9

1387.2 2017

2016 43

818 560

2013 12

300

500

5000

AI

AR VR

2015

2017

2017

IC

2018

12 16.2 1.8 2018

IT AI

970

NPU

Mate 10 16

970 NPU 2016 1A

Cambricon-1A Processor 8 1 A A

AI

970

2016

23%~24%

28nm

7nm

28nm

LED

2016 12 22%

14% SK 13%

2% GlobalFoundries

2015

2018

http://www.semi.org.cn/news/news_show.aspx?ID=50743&classid=117

22 FC

19 &2017

APAC 19 & 2017 SAECCE 10 24-26 ,

3000

300

600 DC/DC

0

0

1 1 20 30

50 150

200 50

30KW

KW 6000 30

200

200

6

KW 0.3 0.4

50 60 50 60

100 110 60

100

13

300 1300

HOF

200 10

2

18%

1000 270

30 8.5 2 2 1

1 8.5

1.5

20 100 6 7

40 45 40 45

30

90%

http://china-hydrogen.org/hydrogen/mix/2017-11-06/6839.html

23

10 27-28

2016 3

(2016-2030)

15

2030

10 28

NEM

http://china-hydrogen.org/hydrogen/mix/2017-11-01/6813.html

24

10 10 -12

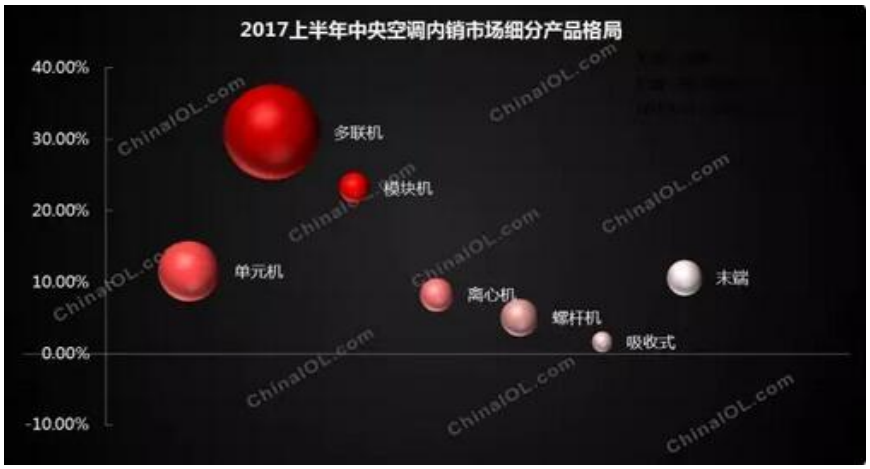
-

7

10

11

1%



2017 TOP5

TOP5

TOP5

TOP5

2017

2017

2017

3%

2017

15.35% 0.17%

50%

2017

http://cac.chinaiol.com/r/0906/14186477.html

2

/

35%

8-10%

/

15 /

2015 984

2013 2015 7.6%

GDP 2 2015-2018

7.3% 2018 1,220

2013 820 2015

1,000 10% 10

1 GDP 6-7%

2

2-3 2018

1,350 1

55% 80%

4

4 60

50

5-7

30% 20-60

30-50

20-30

10-15%

10

1,000 5-10%

2015

30 14 27 80 /

16

2012

99.99999%

50%

2015 1.63 7

1

2

3

2015 3,960 2011 2015

4.3%

2020 5,080 2015-2020

5.1%

2015

69% 41%

16

2006-2020

15% 2018 130

2

LED

400 50

6N 99.9999%

6 85%

CL2

8 30%

Top4

2015 Airgas 2016 12 20

30

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=6&id=7393

3

1

1.1

Atlas Copco

20MPa;

CompAir

41.4MPa;

SullAir

1.3MPa

1.2

3 1 20 70

50%

2 20 90

3 21

2.

1

2

1949 Stal Laval 2

1 Huntorf 2

Mclntosh

3

; ;

3.

(AACAES)

AACAES

/ /

AACAES

5.

5.1

/

/

5.2

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=6&id=7394

4

10

(

) ( ) (

)

99.5%

2016 255MW 2020

2000MW 2016-2020 70%

66%

UPS

0.5-1C 3-5C

1.5

2017 3 1

2020

40% 60%

EnergyTrend Duff( )

17

80%

http://libattery.ofweek.com/2017-10/ART-36000-8420-30170615.html

5

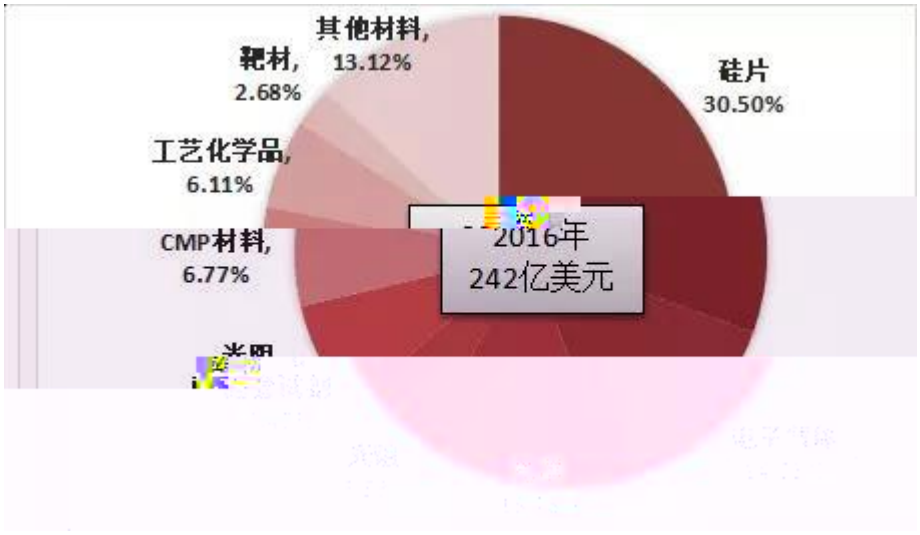
2013 230 2016 242 1.8%

2013 35% 2016 30%

(

) Wafer CMP

2013 2016



2016 30%

300mm

200mm 70% 20%

300mm

2013 2016 5.8%

2016 90%

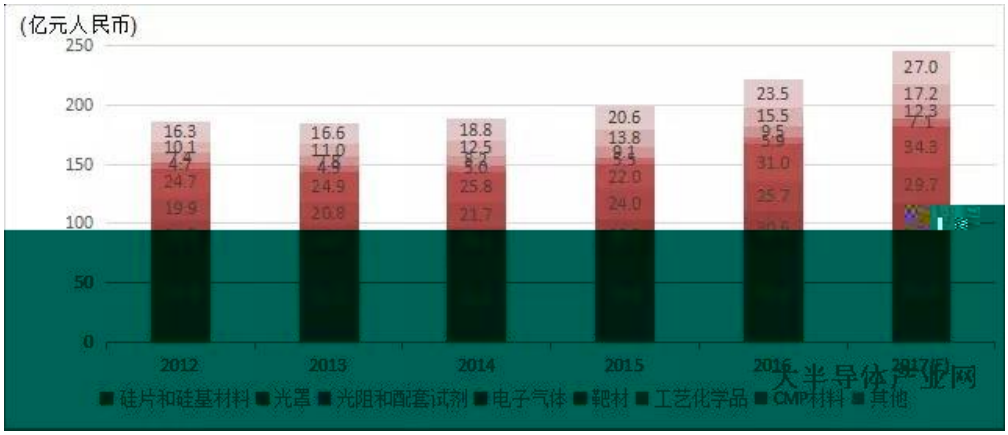
Shin-Etsu SUMCO 50%

SunEdison Semiconductor 2016 17%

2016 2017

10%

2012~2017


(亿元人民币)
250
200
150
100
50
0
2012
2013
2014
2015
2016
2017(E)
16.3
10.1
4.7
24.7
19.9
16.6
11.0
4.8
24.9
20.8
18.8
12.5
5.6
25.8
21.7
20.6
13.8
9.1
3.5
22.0
24.0
23.5
15.5
9.5
5.8
31.0
25.7
27.0
17.2
12.3
7.1
34.3
29.7
硅片和硅基材料
光罩
光阻和配套试剂
电子气体
靶材
工艺化学品
CMP材料
其他

2018

1

90%

2

6 8 20% 12

( ) LED 8 Fab

Photronic 3

80%

2

3

LED

2018

( ) (

)

(

)

(Starting Materials) (LED) (

)

http://www.semi.org.cn/news/news_show.aspx?ID=50819&classid=117

6

2017 9 20

2040

1

2020 4

160 2023 10 400

2020

2

2025

2020 5000

100 2025 300

2030 1000

UNDP

3

2003

2015 950

30

3 5

1

2

3

2017-2020

100

1	1		150
	5-10	2	3000

2021-2025

1

2-3 8-10 2

1000 50

2 1

2026-2030

3000

2020

100 2025

3-5

DC/DC

http://china-hydrogen.org/fuelcell/mix/2017-09-21/6651.html

1 CO2

HCFCs

HFCs GWP

CO2

UNDP

FECO

CO2 9 17-18

CO2

20 50 CO2

6 CO2

CO2

CO2

CO2

CO2

80

CO2

55

http://hp.hvacrhome.com/news/show.php?itemid=21028

4 40

.

40

http://hp.hvacrhome.com/news/show.php?itemid=21042

5

45 30

0

13.18 50%

72dB(A)

0 30

76%

http://www.hvacrhome.com/news/show.php?itemid=30588

6

www.hvacrhome.com

1-5

100% 2009 5

100%

http://www.hvacrhome.com/news/show.php?itemid=31456

www.hvacrhome.com

4 MDVX 51

4000KW

4

56 35

2017 48.1%

30.8% 21.1%

16.25%

4

44

34 23 67% 2017

9 8

50 2500

650 300

55%

http://www.hvacrhome.com/news/show.php?itemid=30851

8

1 1

!

1950 1

1

27.1

1

18

1

1 18

160

40% 117KG 48KG 1

1

1

72

30%

DP

28~48

72

-40 --60

1

http://www.compressor.cn/News/qyzc/2017/1027/100256.html

9

3 4.5bar

2017

PPP

2025

2017 700 240

SL

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=7&id=7453

10

2.0

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=7&id=7529

11

7 28 Star Peak

Geothermal, LLC Presco Energy, LLC Presco 300

Presco

ORC

ORC ORC

2009

88%

5 m

2015 70

110MW

+ORC

30barA & 50t/h 20~25t/h & 12 barA

KES900 12barA

KES1400 3barA

KES2300

5.5MW 4.4MW

17%-67%

60% ORC

ORC ORC

ORC ORC ORC ORC

ORC

135 70 125t/h

ORC ORC

R245fa

S Zorb

900kW dIICT4 473 kWh 1656

CO2 3934 60.48 kWh

2015 6

6-7

ORC

Chena

82 65

ORC 400kW 312kW

ORC R245fa

ORC

Buluan

1 226 30t/h 2 115

4.3t/h

ORC 3.11MW

2.5MW ORC 400kW 250kW

3.51MW 2.75MW

4.06MW 3.05MW

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=7&id=7392

12

2016

40 IHS 2016

7.6% 2017 2GW

2017 1-8 1.7GW

2017 8 200MW 10%

9 19 2017

2017

2017

2017

3.0

3.0

60 300W

300W

http://solar.ofweek.com/2017-09/ART-8420-2600-30167711.html

13

Q1 2017

270 275 290 295

2018 290-300

PERC 275-285 PERC PERC

PERC

Q2

PERC IBC HIT N

LCOE

20%

(LCOE) 60

PERC 60

Q3

PERC

PERC

PERC

PERC

Q4

2017 2

60 290-300 PERC310-320 275-290 72 345-355 PERC 370-380

325-340 5 1500V 10%

BOS

PID

Q5

http://solar.ofweek.com/2017-09/ART-8420-2600-30168339.html

14 3

3 16

16

3 1.39 1.17

2018 3

210

5GW

(PERC) 3.2GW 3GW 500MW 1GW

2

http://solar.ofweek.com/2017-10/ART-260006-8460-30171541.html

15 31 320

31 320.0181 3

320.0181 6 74.302

22 282.2261 6 34.76

31 68

55.5 100%

27.22

97.8573%

6 1

74.302

2017

22

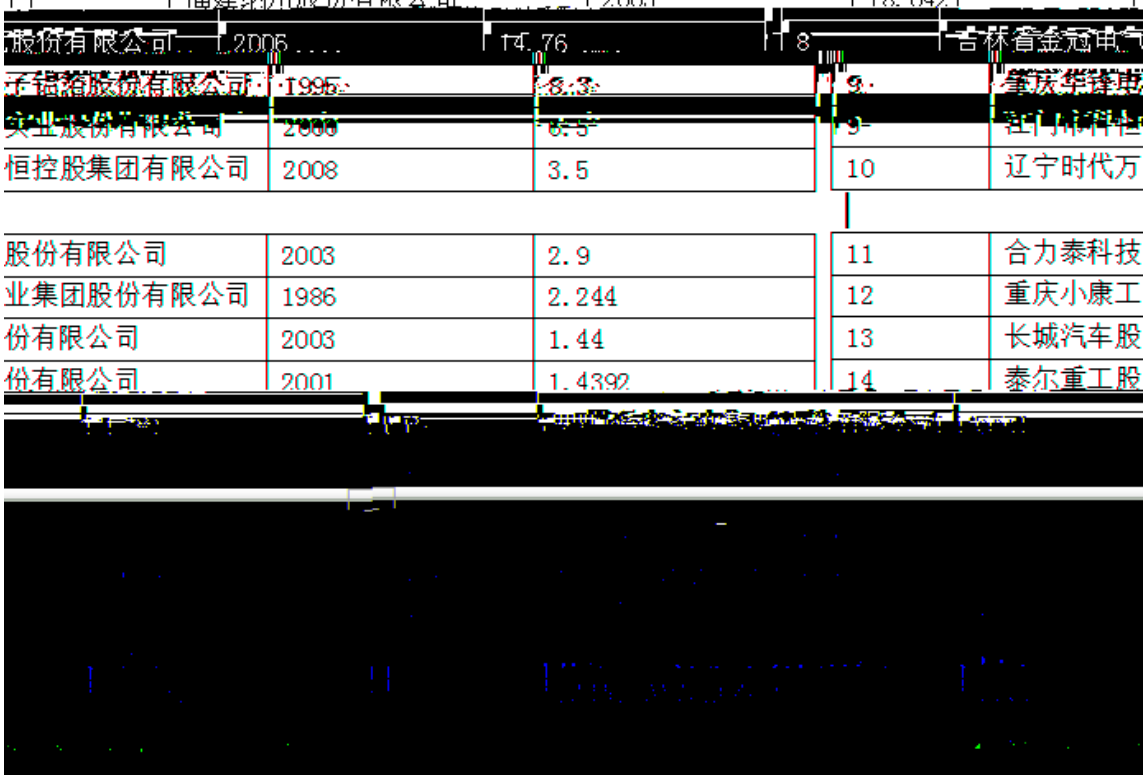
21

序号	名称	成立时间	涉及金额（亿元）
1	金沙江资本有限公司	2016	68
2	云南创新新材料股份有限公司	2011	55.5
3	浙江凯恩特种材料股份有限公司	1998	27.22
4	中信国安葡萄酒业股份有限公司	1979	27
5	绵阳富临精工机械股份有限公司	1997	21
6	江南都电源动力股份有限公司	1997	19.6
7	深圳长园集团股份有限公司	1986	19.2
8	福建纳川股份有限公司	2003	18.6421
9	吉林省金冠电气股份有限公司	2006	14.76
10	广东猛狮新能源科技股份有限公司	2001	12.76

序号	名称	成立年份	涉及金额（元）
1	金沙江资本有限公司	2016	68 亿
2	江西赣锋锂业股份有限公司	2000	3.332 亿
3	江苏德威新材料股份有限公司	1995	1.36 亿
4	江西特种电机股份有限公司	1991	1.04 亿
5	福建雪人股份有限公司	2000	0.57 亿
6	深圳新宙邦科技股份有限公司	2002	6.8

序号	名称	成立年份	涉及金额（亿元）
1	江南都电源动力股份有限公司	1997	19.6
2	广东猛狮新能源科技股份有限公司	2001	12.76
3	江苏德威新材料股份有限公司	1995	1.36

序号	名称	成立时间	涉及金额（亿元）
1	金沙江资本有限公司	2016	68
2	云南创新新材料股份有限公司	2011	55.5
3	浙江凯恩特种材料股份有限公司	1998	27.22
4	中信国安葡萄酒业股份有限公司	1979	27
5	绵阳富临精工机械股份有限公司	1997	21
6	深圳长园集团股份有限公司	1986	19.2
7	福建纳川股份有限公司	2003	18.6421



股份有限公司	2006	4.76	8	吉林省金冠电气
子信息股份有限公司	1995	8.3	9	肇庆华锋电
实业股份有限公司	2000	6.5	9	江门市科恒
恒控股集团有限公司	2008	3.5	10	辽宁时代万
股份有限公司	2003	2.9	11	合力泰科技
业集团股份有限公司	1986	2.244	12	重庆小康工
份有限公司	2003	1.44	13	长城汽车股
份有限公司	2001	1.4392	14	泰尔重工股

1 10 51%

8 8 AESC

51% NEC AESC49%

AESC AESC100%

8 21 Nissan

GSR CAPITAL Advisors

2 55.5 100%

8 22 55.5 100%

2016 9200 13.2

3 27.22 97.85%

9 27

27.22

2014 2015 1754.78 6679.13

7599.45 23446.31

91.91% 88.07%

2016-2018

1.52 2.0 2.61 6.13

6 19.6 49%

49%

5 5

100% 19.6

14.7 4.9

7 19.2 80%

7

24 80%

19.2

8 8

100% 239416

2017 2018 2019 1.8 2.5 3

240000

8 18.6421

8 31 4 300198

18.6421

61.59%

18.64 61.59%

9 14.76 100%

6 15

28.78%

12 6.5 5 17.25%

9 4 300340 SZ

100%

6.5

13 3.5

3 20 100%

35000 7.61 / 45 992 115

7

1 6 8 000

1 1 000 1

2015 2017 3300

3630 3993

14 4900 19.9%

19.9%

6375 4900 3.332 2000

2010 8

19.9%

15 2.9

9 11

2.9

23.127% 1+N

16 3300 InEVit

10 17 SF MOTORS

InEVit Inc. 16 SF MOTORS

InEVit100% 3300 2.244

17 2800

2017 9 28

Pilbara Minerals 3.5%

0.5 Pilbara Minerals 5600

2800 2.17

18 1.4392

9 30 1.4392

51.40% 60

2800 300 2500

55.82%

2014 2016 2016

2737.78 2229.24 405.96 8 31

2017 8 6053.74 1319.24 9213.36

19 2100 17.6%

7 3

Hydrogenics

Corp TSX:HYG NASDAQ HYGS 17.6%

2100 1.428

20 1.39 62.75%

9 8

62.75%

1.39 5.34

21 1.05 11.47%

9 14

14.29% 100%

11.5 % 1.05

3% 2754.51

4.23% 3874.65

4.23% 3874.65

22 1.04

10 19 0.35 /

Tawana 5714.29 2000 1.04

11.45%

23 9000 60%

2017 4 7

9000 0.765 60%

24 1000 55%

4 28 10%

55% 2017 4 27

2017 4 28

2017 3 21

1000

55% 1000

10% 1000 500

2017

25 3500 35%

10 11

3500

35%

26 2300

4 29

2300

100%

2015

500 2016 1000 2017 1400

2018 1960

27 2249 38%

6 13 6 2

38%

2249

38%

28 6.8

6

1 2

29

7 23

30 100%

8 5

100%

100%

31 42%

6 28 6

27

42.02%

3 22

6 037.7083 42.02%

http://libattery.ofweek.com/2017-10/ART-36001-8420-30173129_3.html

16 1

9 18 1

- - -

600675.11

155.14% 56256.23 518.02%

21

50%

http://china-hydrogen.org/hydrogen/mix/2017-09-26/6673.html

17

700

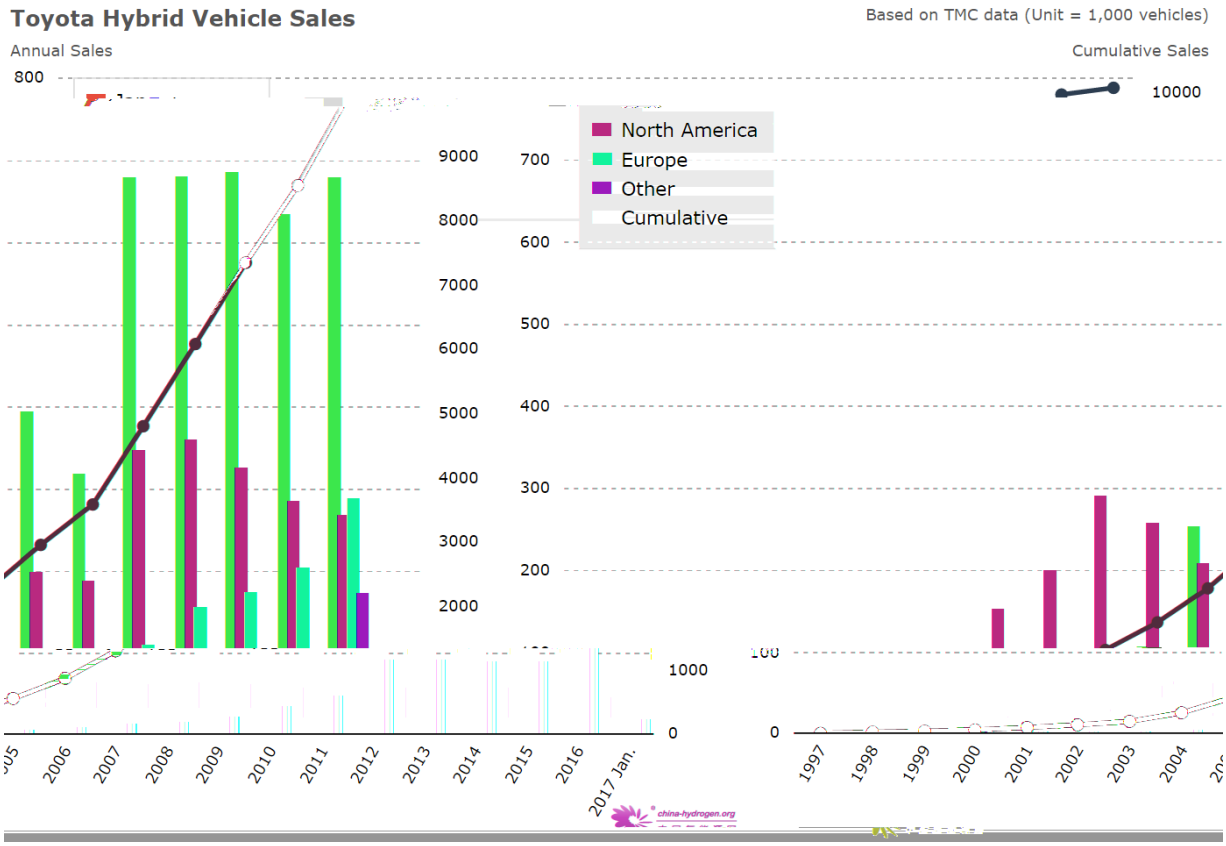
2017 1 31

1,000 1,004.9

1997 8 Coaster HEV 12

Prius 2016 4 900 1,000

9



Mirai

2015 9 90%

2012 RAV4 2014

eQ

Prime

11

2020

2017 1

100 107

http://china-hydrogen.org/hydrogen/mix/2017-09-26/6679.html

1 ---

2017-08-30

2016

2016

35

2

SKF

ORC

2

2017-08-30

3-40HP

40HP

40-100HP

1 RC2-Z

-10

2 LB -10

RC2-Z 3

LT -25 LB&RC2-Z

NH3/C02

RH CO2

1

2

1 2

http://cache.baiducontent.com/c?m=9f65cb4a8c8507ed4fece7631046843b0e54f739788481556

8d4e419cf795b434463e1b130256404d1c07c6304ac5e5c9daa702d691765eadb9e875dadc885585c9

f5130676a875613a30edec05155c237912afede13f0cd80&p=882a954e9c904ead00ba823f1e47&newp=82769a47ba9f33f718bd9b7e064092695c02dc3051ddda01298ffe0cc4241a1a1a3aecbb24241502d9c478610abb0f31aba7747d605f76dbc7bad00a&user=baidu&fm=sc&query=%BA%BA%D6%D3%C9%B1%C8%EB&qid=d10cb5b100004373&p1=1

3 ---

2017-09-12

1

2

3

4 2017 54.6%(70% 30%
) 27.1% 7.1% 5.3% 5.9%

5 2017 5.6 28.2%

(1) 3.05 15.9%

(2) 1.52 44.3%

(3) 0.4 122.8%

2017 33.92% 2.4

6 2016 2016
5 40% 60%

7 GHH

8

9

2018

4

2017-09-07

6

89.5%

99.3%

12 3000

2016

2

2020 7000

2000

95%

33

2017

1000 500

2020

2015 2.5 2600

A

(002011.SZ) (002158.SZ) (300257.SZ) (300157.SZ)

5

2017-09-13

A

7 18

20%

7 18

9 10

4

+

2017 1000 5

800

10

7 18

10%

A

6

2017-09-14

3 697

2000

(2017 ~2021)

3

2017

2017 2+26 (

) 108 89.1 / 3-5

A

(300335.SZ) (002158.SZ) (002479.SZ) (000968.SZ)

7 9

2017-09-18

1 (300071,) 5%-25%

2 (300493,) 23%-32%

3 166

4 (002061,)

5 (000761,) 1

6 (002450,) 8

7

8 (601985,) 4

9 (600477,)

10 (603729,)

(300059,)

9 9

(002288,) (002157,

) (002548,) (300196,) (002491,)

(002479,) (002158,) (002353,) (603718,

) (300348,)

(002022,) (300136,) (002410,

) (300496,) (000671,) (002563,

) (000811,) (002727,)

(000703,) (002597,) (000530,) (002475,

) (300279,)

8

2017-09-20

9 19

200

22

30 4

7 11 22

2017

9 + 6

2017-09-26

9 24 25

25

( )

5

10

2017-09-27

9 25 26

3000

11 :

2017-09-11

1500-2000

450

500

11 16 17

500

1/3

1/3 1/3

1

100%

2

3

12

2017-09-21

3000

http://www.compressor.cn/News/scdt/2017/1002/99797.html

14

2017-10-

<

5 23

2016 24.3GW

1.5% 2.7%

1 0

2020 2025

201 6

70% 2016 2017 6

1.35GW 2000-2015 9.6

1

2

3

j

2017-10-16

2017

2017 10 25 - 27

10 25 -26

10 27	8:00-12:00	

方向	内容	演讲机构
政策动向	最新冷库设计和施工相关规范标准解读	国内贸易工程设计研究院
	新型环保冷媒在冷链的机会	环保部项目三处
	冷链行业设备能效标准制订简介	中国标准化研究院
最新趋势	新形势下冷链行业发展方向	中国物流与采购联合会冷链物流专业委员会
	重庆市冷链行业发展现状	重庆制冷学会冷链专业委员会
	商用制冷行业现状及未来趋势	产业在线
	冷链设备设施[illegible]监测技术分享	国内贸易工程设计研究院
前沿技术	关键部件最新应用技术	企业
	制冷压缩机行业发展技术动向	汉钟精机
系统方案	丹佛斯冷库一体机全配置解决方案	丹佛斯
	轻型商用设备的系统解决方案	整机企业
	冷链行业最新技术及解决方案	比泽尔
	低温涡旋压缩机应用解决方案	艾默生

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:

1500 / ( )

400 / ( )

520 / /

010-6708 1838 *867	010-6708 1838*860
155 1033 6079	186 1203 6169
xs@chinaiol.com	wmq@chinaiol.com
010-6708 1718	010-6708 1718

16

2017-10-20

2020 2020

2020

6

; ;

; ; ;

17 2

2017-10-24

2.1

2 7

3.12% 12

7

1.94 12307.46

5405.67

30 7

3 30

3 16 8 3

11

2.44% 15

8

2.80 (12881.35) (6374.08) (3527.28)

(2679.22) (1807.95) 1000

2017

11

4 2017

50% 3 2017

4

0.33%

0.22

6 2561.54

1349.36 (503.09

) (40.17)

30 5

(5) (4) (3) (3) 4

30 3

5

2017 2019 0.28 0.77

1.02

2017 3Q 9.51 34.72% 1.34
3.84% 0.25 /

,

1

17 3Q 9.51 34.72% 2637
120.77% 14 Q3 3.92 45.23%
17Q1-2 33% 25%

2

3Q 1.34 3.84% Q1-3 2.3%
2.4% 6.4% 17Q3 1.59 16.72% 0.05
5198.45 29.36% 1.1
27.29% -310.64 65.42%
3Q 32.54% 3.74

60%
10% 3Q 4

3

2017 10 24

18.9 92.7% 16~18 1.67 1.91 2.07

18 6

30%

17 -18

1.8 2.2 PE 39.3 32.5 -A

4