

晶科能源知识产权白皮书



晶科能源知识产权大事记

- > 2018 8
- > 2019 8
- > 2020 5 1000
- > 2021 4 1000
- > 2022 7 2000
- > 2022 10 2022 38
- > 2023 7 3000
- > 2023 8
- > 2023 8
- > 2023 11 2023
- > 2023 11
- > 2023 11 3500 2000
- > 2023 12

前言

80 18

" " " "

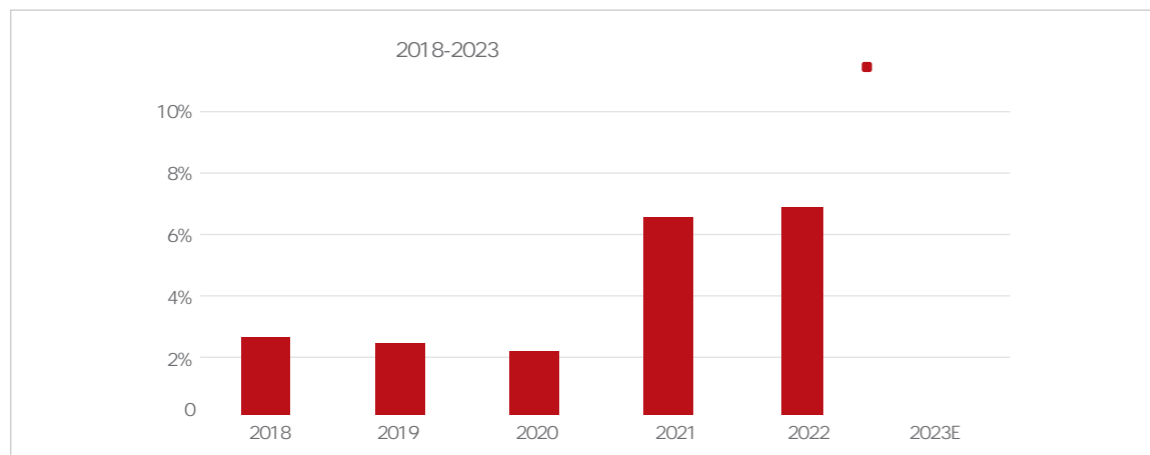
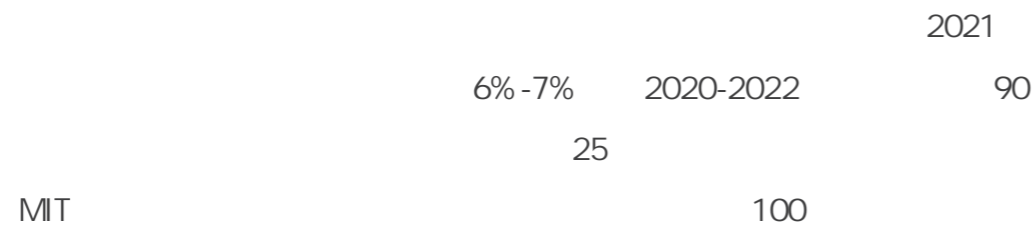
100%

" "

" "

01 行业领先的技术创新和应用

1.1 研发投入行业领先，TOPCon等先进技术投入全球第一



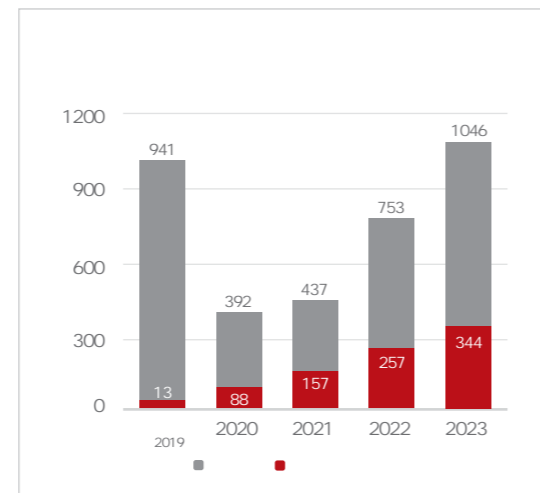
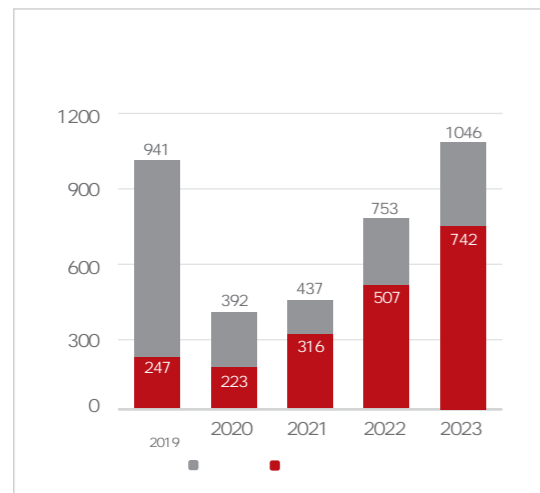
1.2 核心技术专利布局全球



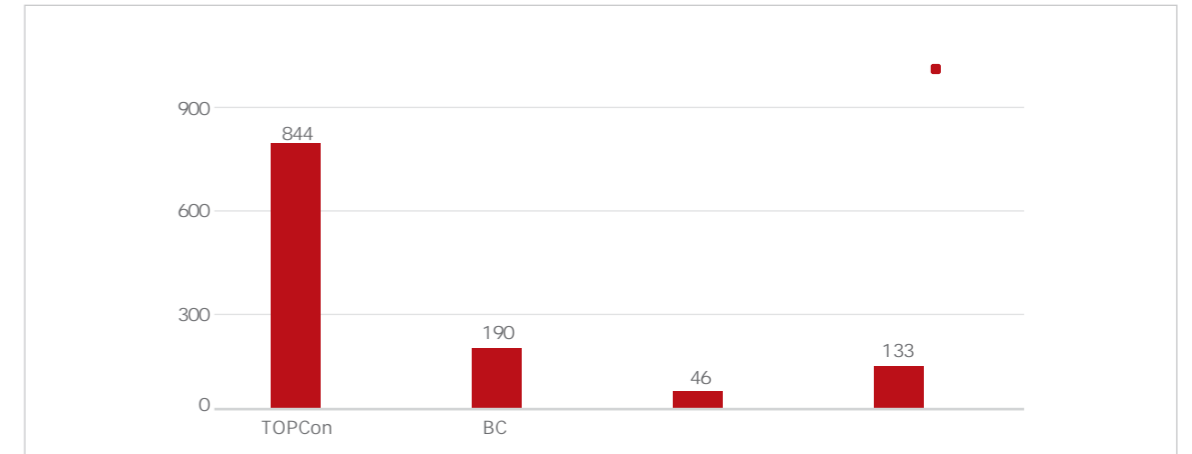
3500 2000

56.9% 57% N TOPCon

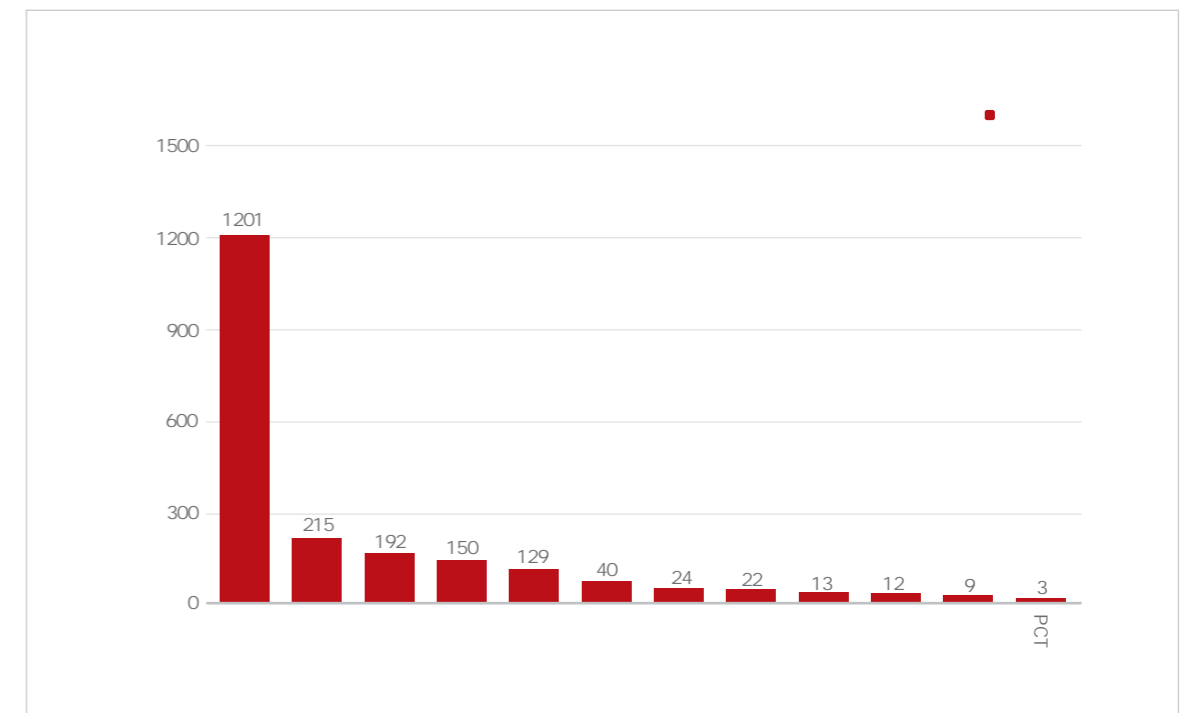
330



TOPCon BC



40%



*BC (Back Contact PCS Power Conversion System

02 高价值专利全球领先, 夯实行业“头雁”地位

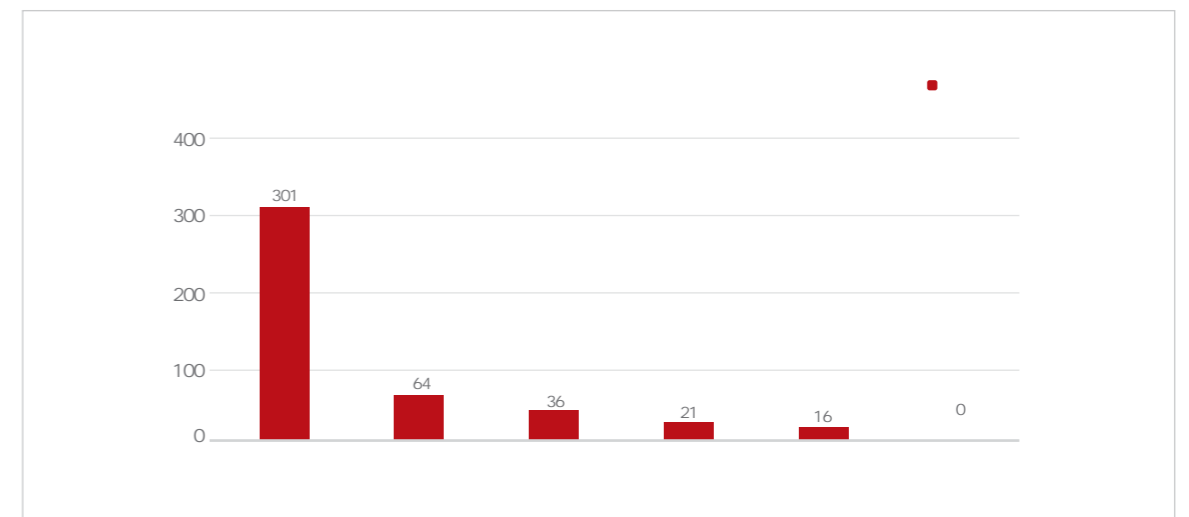
IPR Daily

| IPRdaily全球太阳能电池片专利排行榜 | |
|-----------------------|--------|
| 申请人 | 专利数量/件 |
| LG | 1360 |
| | 1101 |
| | 931 |
| | 759 |
| | 735 |
| | 719 |
| | 708 |
| KANEKA CORPORATION | 708 |
| | 707 |
| | 705 |
| | 693 |
| MAXEON SOLAR | 573 |
| | 499 |
| SunPower Corporation | 484 |
| | 473 |

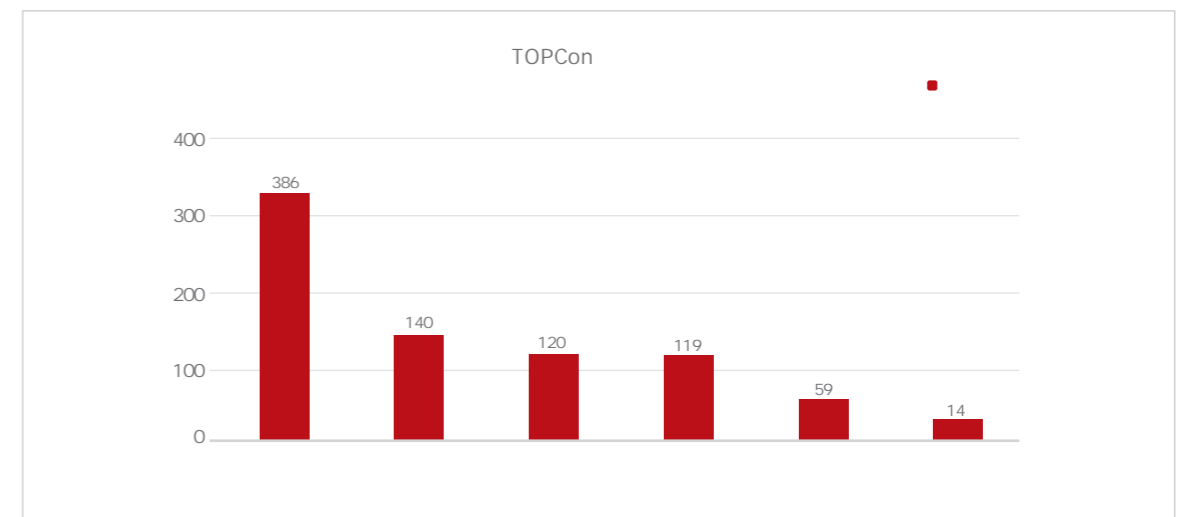
*2022 LG

| 头部企业发明专利申请数量 | |
|--------------|------|
| 申请企业 | 专利数量 |
| | 1825 |
| | 1650 |
| | 1541 |
| | 821 |
| | 815 |
| | 154 |

2024 1 11



2024 1 11



2024 1 11

