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### ZTT New Energy Industry Group

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# COMPANY INTRODUCTION

ZTT NEW ENERGY INDUSTRY GROUP



## ENTERPRISE OVERVIEW

ZTT, which started on Optical Fiber Communications in 1992, accessed Smart Grid in 2002, and commenced work on the Renewable Energy field in 2011, spanned the globe with sales and service networks over 160 markets in 2020. Since reaching a turnover of USD 13.4 billion in 2022, ZTT has expanded into a new era, focusing on power supply and optimizing energy storage to achieve carbon emission peak and carbon neutrality.



### **Business Activities**











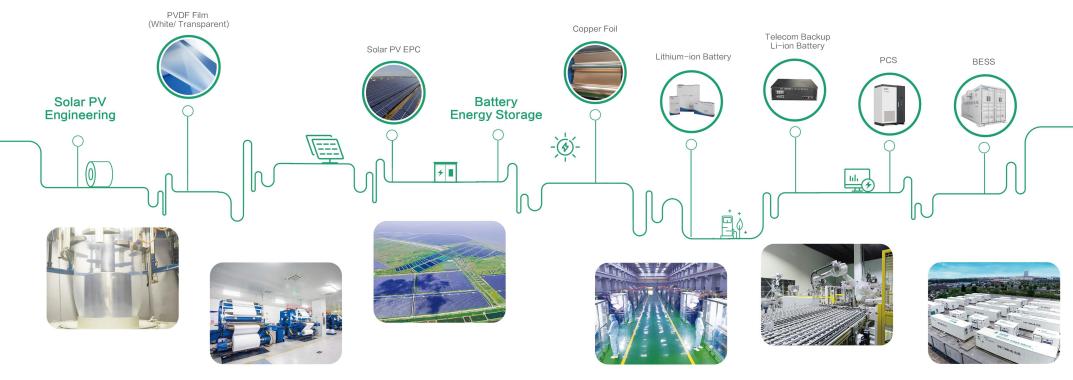
## CHAMPION PRODUCT



## LAYOUT OF NEW ENERGY INDUSTRY

#### **Strong Industrial Chain Advantage**

Engage in new energy "led by distributed photovoltaic, supported by microgrid core technology, key material development as a breakthrough, and energy storage system application as a highlight". Provide customers with comprehensive green energy solutions, including product design, equipment manufacturing, technical support and project service. ZTT is committed to being an urban new energy operator.





\*CGNPC 2022 Annual BESS Framework Procurement Section II 300MW/600MWh (Xinjiang, Northwest China Region, Qinghai Province, Inner Mongolia Province, Shanxi Province, Shandong Province, North China Region, Heilongjiang Province, Liaoning Province, Liaoning Province)

\*China Electric Power Engineering Consultants Group BESS Integration Project 2022-2023 System Integrator Procurement Project (Tender I 25MW/25MWh, Tender II 131.25MW/262.5MWh; Guangxi Province, Yunnan Province, other regions)

## SCIENCE AND TECHNOLOGY INNOVATION

### First "Intelligent Manufacturing Demonstration Enterprise" in the Domestic Lithium Battery Industry by MIIT

- Has a National enterprise technology center, a post-doctoral research station and an enterprise research institute:
- Establish an innovative cooperation platform with 5 institutes of the Chinese Academy of Sciences;
- Establish a R&D cooperation platform with 6 national research institutes;
- Establish industry-university-research cooperation relationships with 15 domestic key universities, including Tsinghua University and Zhejiang University;
- Provide intellectual support and talent guarantee in terms of technology development, market development, and talent training.

















#### **Undertake National Innovation Projects**

- Undertake 4 "863" national high-tech research projects;
- Undertake 6 national key research and development projects during the 13th Five-Year Plan period;
- Undertake 570 national, provincial and municipal technological innovation projects;
- Core products fill the domestic gap and replace imports.

### 国家重点研发计划 (智能电网技术与装备)

退役电池梯次利用系统示范应用和 梯次利用动力电池再退役标准研究 课题组

(执行期: 2018年7月-2021年6月)

### 国家重点研发计划 (智能电网技术与装备)

超导直流限流器电阻限流单元设计和制造 课题组

(执行期: 2017年07月-2020年12月)

### 国家重点研发计划 (智能电网技术与装备)

OPLC中间接续和终端接入技术 及其配套专用附件研制 课题组

(执行期: 2016年07月-2019年06月)



国家重点研发计划 (深海关键技术与装备)

全海深长距离光纤微缆关键技术研究及产品化 课题组

(执行期: 2018年07月-2020年12月)



国家重点研发计划 (深海关键技术与装备)

全海深水密接插件产品化技术研究及示范应用 项目组

(执行期: 2018年07月-2020年12月)



国家重点研发计划 (深海关键技术与装备)

全海深ROV非金属铠装脐带缆 关键技术研究和试验 项目组

(执行期: 2017年07月-2020年12月)

#### 国家重点研发计划 (智能电网技术与装备)

±500kV直流电缆及附件设计与制造关键技术 课题组

(执行期: 2016年07月-2019年06月)

国家重点研发计划 (智能机器人)

精细化水下目标视觉感知与测量 课题组

(执行期: 2019年12月-2022年11月)

COMPANY INTRODUCTION

## PRODUCT CERTIFICATION

- Passed ISO9001, ISO14000, OHSAS18001 Three-standard System Certification, SA8000 Social Responsibility System Certification, TS16949 System Certification;
- Certified by authoritative organizations in Europe and America, with UL, CE, MSDS, UN38.3 and other Safety and Transportation Certifications; the products have passed various tests of the new national standard, and equipped with CNAS Laboratories.









































