









**YOUR CONNECTION TO  
POWER**

# Global Operation

	<b>CTC</b> Chardon Taiwan 1994	<ul style="list-style-type: none"> <li>● R &amp; D</li> <li>● Manufacturing</li> <li>● Sales &amp; Service</li> </ul>
	<b>SCE</b> Shanghai Chardon 2002	<ul style="list-style-type: none"> <li>● Sales &amp; Service</li> </ul>
	<b>CKE</b> Chardon Korea 2013	<ul style="list-style-type: none"> <li>● R &amp; D</li> <li>● Assembly &amp; Kitting</li> <li>● Sales &amp; Service</li> </ul>
	<b>CME</b> Chardon Mexico 2016	<ul style="list-style-type: none"> <li>● Warehouse</li> <li>● Sales &amp; Service</li> <li>● Test Lab</li> <li>● Manufacturing</li> </ul>
	<b>CBE</b> Chardon Brazil 2017	<ul style="list-style-type: none"> <li>● Warehouse</li> <li>● Sales &amp; Service</li> <li>● Test Lab</li> <li>● Manufacturing</li> </ul>
	<b>ACE</b> Anhui Chardon 2018	<ul style="list-style-type: none"> <li>● R &amp; D</li> <li>● Manufacturing</li> <li>● Sales &amp; Service</li> </ul>
	<b>CPE</b> Chardon Philippines 2024	<ul style="list-style-type: none"> <li>● Sales &amp; Service</li> </ul>



# Manufacturing Sites



	<b>Taiwan</b>	<b>Korea</b>	<b>China</b>	<b>Brazil</b>	<b>Mexico</b>
<b>Location</b>	Maoli	Suwon	Guangde	Bragança	Querétaro
<b>Employee</b>	320	40	450	40	45
<b>Land Size (m<sup>2</sup>)</b>	25,200	2,000	83,000	14,000	19,000
<b>Factory Size (m<sup>2</sup>)</b>	30,000	3,000	98,000	3500	14,000
<b>Capability</b>	✓ EPDM molding(30)	✓ Recloser/LBS assembly	✓ EPDM molding(50)	✓ Cable accessories kitting	✓ Cable accessories molding and kitting
	✓ Plastic injection (1)		✓ Plastic injection (1)	✓ Recloser/LBS assembly	✓ Recloser/LBS assembly
	✓ Plastic extrusion(1)		✓ EPDM compounding(1)		
	✓ EPDM compounding(2)		✓ Silicon rubber molding(4)		
	✓ Cable accessories assembly		✓ Epoxy APG molding(11)		
	✓ TFA Certified LAB(ISO 17025)		✓ Metal		

## Product design :

- ✓ Product design fully complies with ANSI/IEEE / IEC(HD) Standards.

## Management system :

- ✓ Management system complies with ISO 9001/14001/17025/45001 Standards.



# Test certificate

- ✓ Chardon products have obtained type test reports from world-renowned third-party laboratories, such as **LAPEM/POWERTECH/KEMA/KERI/CEPRI(CHINA)**
- ✓ OEM products have been certified by many world-renowned enterprises.

LAPEM  
CFE  
Comisión Federal de Electricidad



国家电网  
STATE GRID

中国电力科学研究院  
CHINA ELECTRIC POWER RESEARCH INSTITUTE

KERI  
KUMH ELECTROTECHNOLOGY RESEARCH INSTITUTE

Powertech

KEMA Labs

CHARDON  
GROUP

# Fault close test in Powertech,

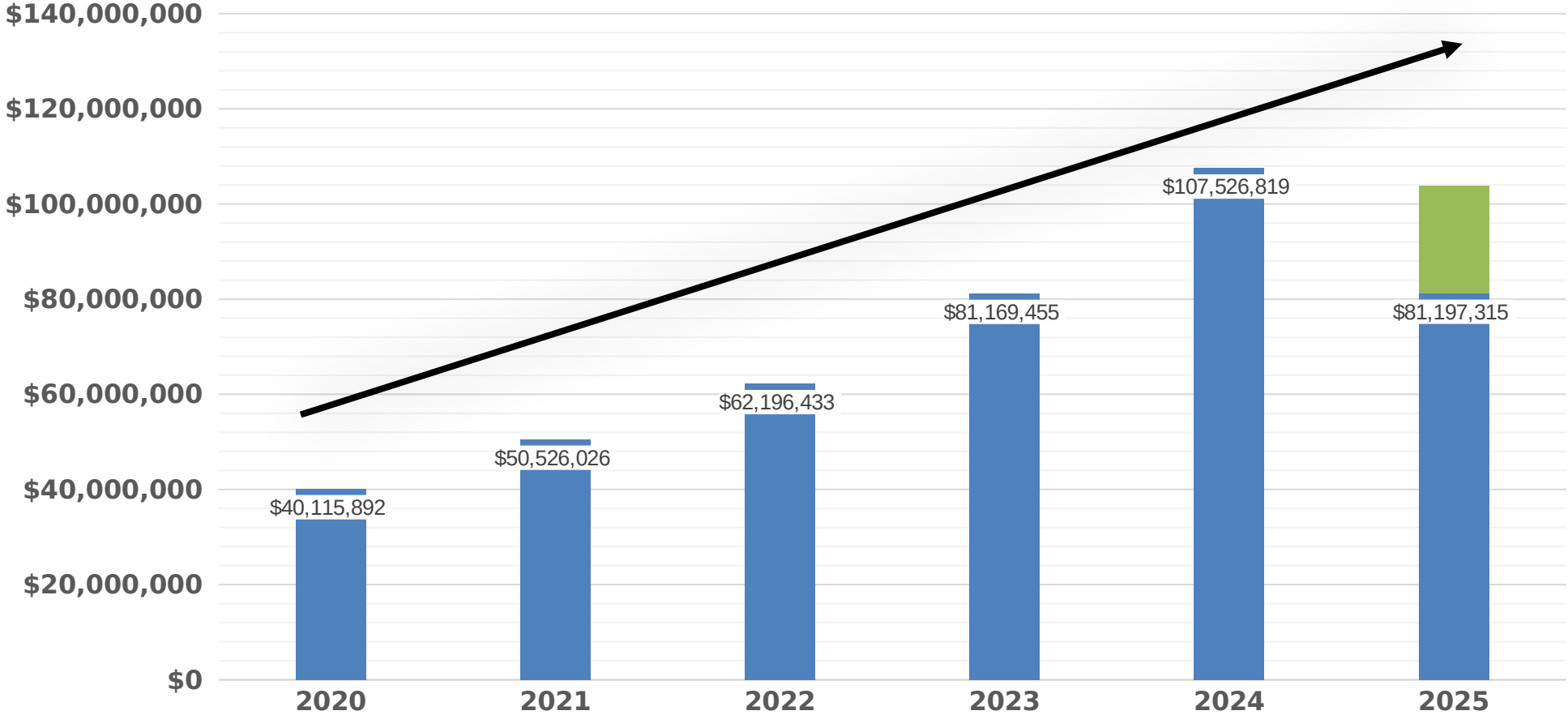


Successful test

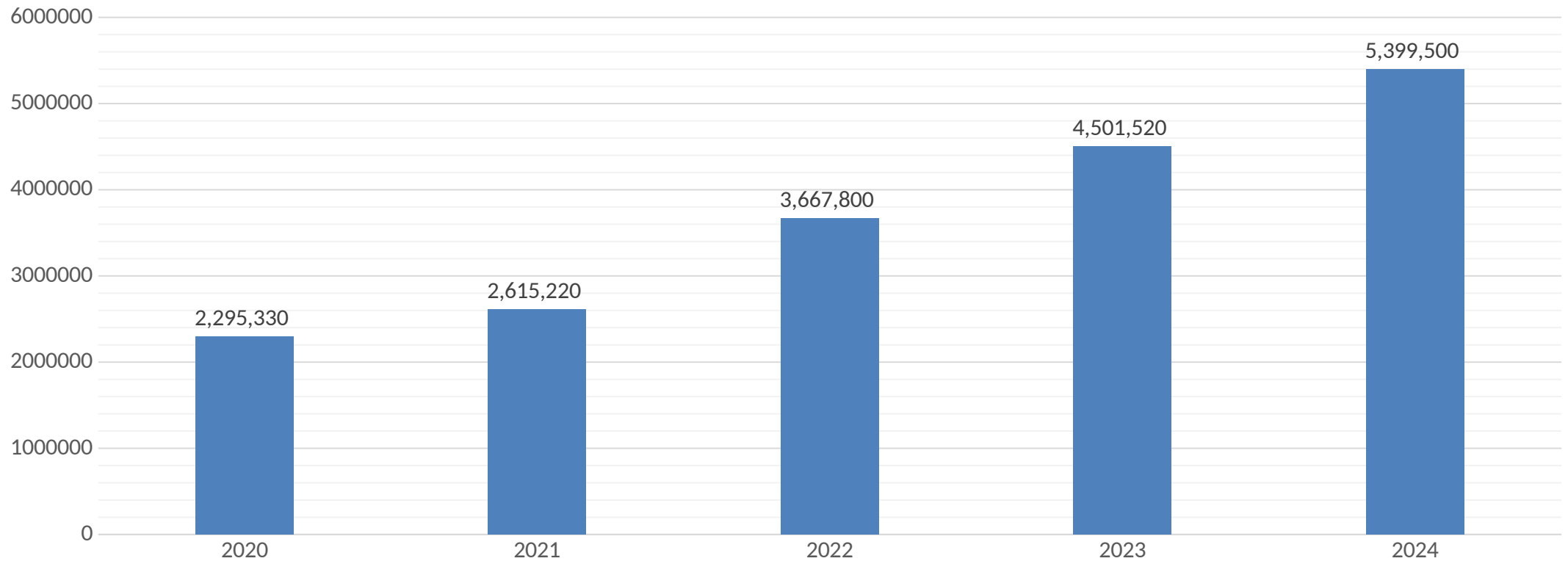


**Failure test**

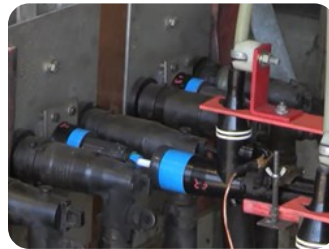
### Chardon Group's Sales Figures



- Cable Accessories Annual Production Volume Trend(PCS)



# Cooperate Evolution



TPC&Private Label  
1994~2008

JDM  
Private Labeling  
2009~2015

Brand Build  
Switchgear & Total  
Solution  
2015~Present

# IEEE/ANSI 200A CABLE ACCESSORIES

IEEE/ANSI 200A

- Junction, 2-way, 3-way and 4-way
- Loadbreak Elbow
- Bushing Insert
- Insulated Cap
- Feed-Thru Insert
- Elbow Arrester
- Grounding Elbow
- Insulated Bushing
- Feed-Thru
- Fuse Elbow
- Shield Adapter
- Deadbreak Elbow
- Integral Bushing



Voltage Ratings:

15kV

25kV

35kV

# IEEE/ANSI 600A CABLE ACCESSORIES

- T-Body
- Junction - 2-way, 3-way and 4-way
- Loadbreak Reducing Tap Plug
- Insulating Plug
- Extending Tap Plug
- Bushing Extender
- Insulating Cap
- Multi Point Junction
- Standoff Bushing



Voltage Ratings:

15kV

25kV

35kV

## C 250A, 400A, 630A, 1250A CABLE ACCESSORIES

- IEC 17.5/24kV 630A Front & Rear T-Body
- IEC 17.5/50kV Rear T-Body Surge Arrester
- IEC 36kV 400A, 630A T-Body
- IEC 36kV 400A, 630A Front and Rear T-Body
- IEC 40.5kV 630A T-Body
- IEC 17.6/24kV 630A Apparatus Bushing
- IEC 24kV 250A Straight/Elbow
- IEC 42kV 1250A Front Rear T-Body
- IEC 42kV Surge Arrester
- IEC 72.5 kV 1250A Front Rear T-body
- IEC 72.5kV Surge Arrester

### IEC Product Line



Interfaces A, B, C, F  
Voltage up to 72.5kV

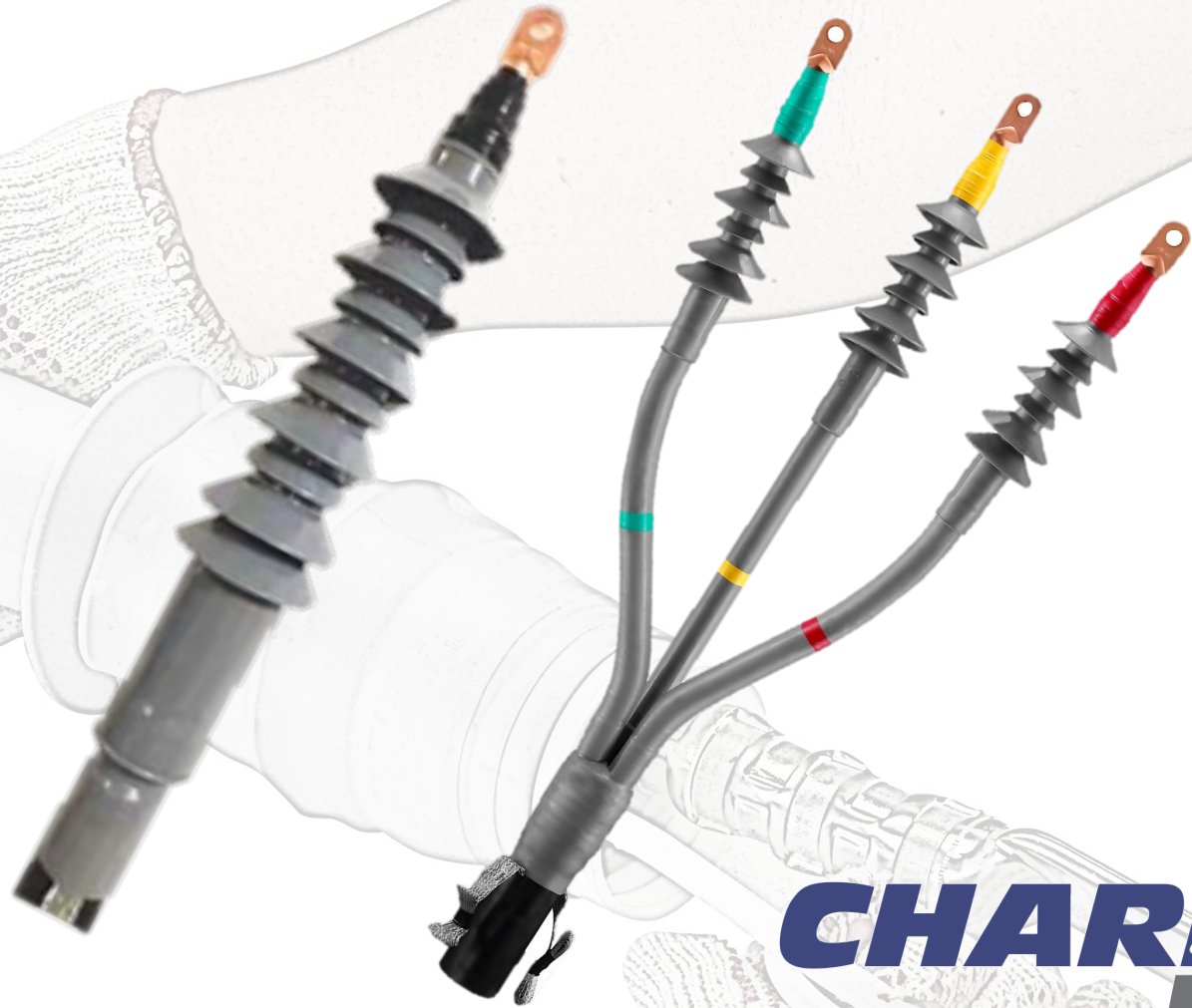
# Features of Cold Shrinkable Terminations

Up to 72.5kV

Up to 1250A

## Advantages over the heat shrinkable :

1. No heating tool needed.
2. Easier installation.



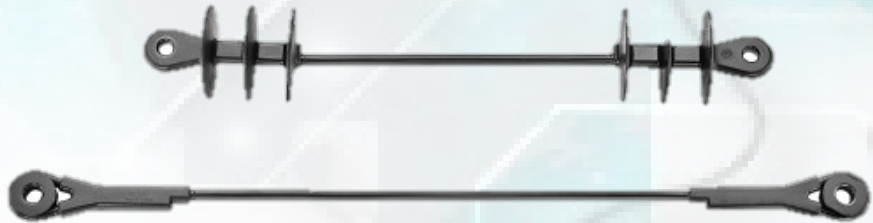
# Cable Lead(Jumper)

- Customize Cable Lead length and configuration.
- 100% AC withstand and PD test before shipment.
- Avoid the inconvenience on-site installation and test.



# Overhead Cable Support Safety

**Device**  
The safety device reduces the electric shock or other potential risks caused by downed cables.



**CHARDON**  
GROUP





# Automatic Circuit Recloser Up to 38kV Rating



# OUR PROCESS:



## PRODUCTION QUALITY

EPDM and Epoxy formulated and processed in-house to ensure **consistent quality**.



## RIGOROUS TESTING

Products are **100% tested** before leaving the factory.

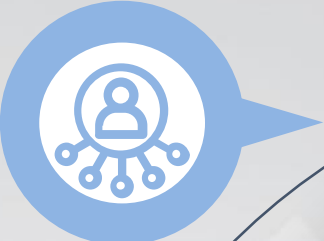


## GLOBAL REACH

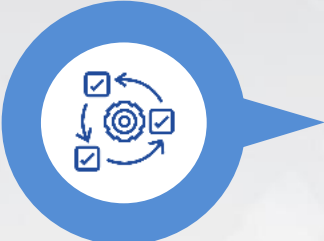
Chardon's 5 branches and more than 30 distributors around the world offer **direct customer support**.

# CORE COMPETENCIES

**Innovation & Vertical Integration**



**Flexibility**



**30 Years Experience**



**Design Quality & Testing Capabilities**



**CUSTOMER SATISFACTION**

