

Suzhou Niuera Energy Co., Ltd.

-Based on module manufacturing, provide customers with charging one-stop solution



NIUERA masters core power electronics technology, a power supply system supplier in the new energy industry, serving two major areas.

Founded in July 2016, NIUERA is invested by Lumlux group , targeting the new energy industry, it develops, produces and sells high-power EV Charging Modules including AC-DC modules, V2G modules, DC/ DC modules; 5G base station power supplies; communication power supplies and other products, mainly serving the two major fields: EV Charging and Communications. Our mission is to create a new low-carbon life with technology, and serve every customer with technology.

We now have manufacturing bases in **Chinese Mainland** and **Taiwan**, will soon have factories in the **United States** that meet the requirements of BABA, have offices in **Germany** and **Russia**, and establish a global sales network,



EV Charging Area



Public
Charging



Community
Charging



EV-storage
Charging



Orderly
Charging



Communication Area



5G Base Station
Power Supply



Engine room COMM
power supply



Micro base station
power supply

niUera. Parent Company - LUMLUX CORP

LUMLUX CORP, established in 2006, is a high-tech company specializing in power supply and control systems. The company has strong power electronics R&D capabilities, a complete automated production system. Its business is mainly OEM/ODM and partnered with brands such as Osram, GE, and HF NOKIA, with main market in North America and Europe. It has about 500 employees, a R&D team of 100 people, 17 invention patents, and over 200 overseas and utility model patents. In 2021, the sales volume is more than 600 million yuan.



niuera. Core Team Member with Senior Experience



Ming Qiu

President & CTO, born in 1981, founder of LUMILUX&NIUERA, B.Eng., MBA.

Mr Qiu has 20 years experience in the power electronics technology R&D and owns 15 authorized invention patents in the power electronics field, as well as participated in two national key R&D plans.



Tony Pu

CEO & Senior Engineer, part-time professor of Soochow University, born in 1981, Master's Degree Computer Science Technology

Mr Pu has been engaged in intelligent power supply and control system industries and have participated in two national key R&D plans, the preparation of two IEC international standards, one national standard.



Yong Deng

Vice General Manager

15 years of experience as a senior electrical engineer, project management professional certification PMP, product manager international qualification certification NPDP, Leading the development of more than 20 high-tech products, obtaining more than 10 patent certificates



Jianyan Zhu

Marketing Manager

Microsoft MVP most valuable expert, one of the top ten outstanding database engineers in the country, 20 years of senior data operation experience, Familiar with government-enterprise cooperation and industrial innovation cluster construction



Shengyuan Huang

Manufacturing Director

With 20 years of experience in power supply factory management, he has worked for well-known power supply companies such as Kangshu Electronics, Delta, Japan Matsuda Micro, with rich management experience in product manufacturing in the power supply industry.



Fujing Wang

Financial Director

15 years of financial work experience, successively served as financial manager of Zhongda Electronics (Wuhu) Co., Ltd. and financial director of LUMILUX Corp.

Series 1. Air-cooled AC/DC Charging Module



Unique direct ventilation design,
patented circuit design, silicon carbide
materials

30KW/40KW/40KW SiC/60KW SiC
AC/DC Charging Module

Wide voltage range, High efficiency, High
power factor, High reliability, etc.

Series 3. Air Cooled DC/DC Charging Module



Unique direct ventilation design,
patented circuit design, silicon carbide
materials

40KW DC/DC Charging module
(Directional, Bi-directional)

high efficiency, high power density, high
scalability, and high reliability.

Series 2 . Air-cooled V2G Charging Module



22KW, 30KW
V2G Charging Module

The DC input terminal supports Input from DC
microgrid, battery busbar, and solar.

Wide constant power voltage range, high
efficiency, high power factor, high power
density, small electromagnetic radiation and
interference, and high reliability.

Series 4 . Low Voltage AC/DC Power Module



3KW~10KW
Low Voltage DC Power Module

Built-in Relay & Auxiliary power supply
integrated design

Specially designed for charging LEV such as
motorcycles, electric forklifts, AGVs,
sightseeing vehicles, sanitation cleaning
vehicles, security patrol vehicles, beach cars,
ships, low-speed electric vehicles

niuvera. Many styles charger piles can be achieved one-stop service



Based on charging moduel



- Bus charging,
- commercial EV charging
- heavy truck battery replacement,
- homeuse EV charging
- Electric motorcycle charging



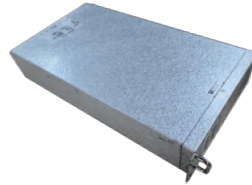
LEV Charging Module Series (20-120Vdc)



3KW LEV
module



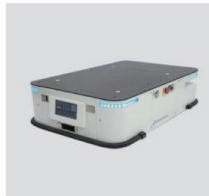
6KW LEV
module



10KW LEV
module



Application Scenario



The product is suitable for charging lithium batteries, lead-acid batteries, lithium iron phosphate batteries, etc. It is suitable for new energy pure electric forklifts, electric motorcycles, tricycles, AGVs, low-altitude aircraft, low-speed electric vehicles, charging, battery replacement cabinets, etc.

Product selection table:

Power coverage 3kW-10kW, voltage platform 24V-144V full adaptation

Power	Input Voltage	Input Current	Rated Output Voltage	Rated Output Current	Output Current Range
3.0kw	220Vac	16A	24vdc	100±1A	1-100A
3.0kw	220Vac	16A	48Vdc	60±1A	1-60A
3.2kw	220Vac	16A	48Vdc	60±0.6A	1-60A
	220Vac	16A	72Vdc	40±0.4A	1-40A
	220Vac	16A	96Vdc	30±0.3A	1-30A
	220Vac	16A	144Vdc	20±0.2A	1-20A
3.6kw	220Vac	20A	60vdc	60A±0.2A	1-60A
6.0kw	380Vac	12A	48vdc	100±1A	1A~100A (50Vdc-64Vdc) 10A~100A (40Vdc-50Vdc) 40A~100A (32Vdc-40Vdc)
	380Vac	12A	80vdc	80±1A	1-80A
	380Vac	12A	96vdc	50±1A	1-50A
	380Vac	12A	144Vdc	40±1A	1A-40A
10kw	380Vac	20A	100Vdc	100±1A	1A-100A

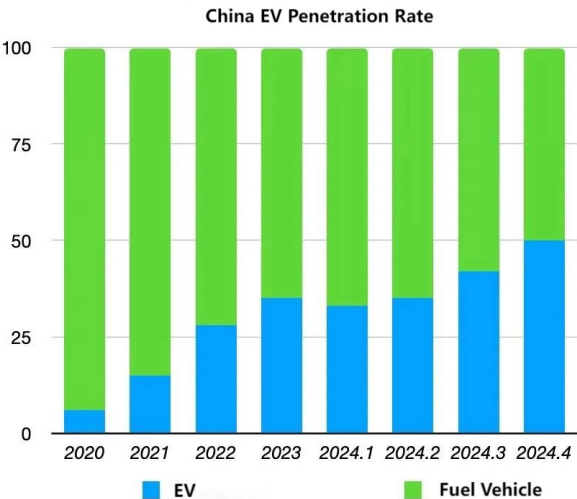
EV replacing Fuel Vehicles, with room for growth of more than 10 times in the future

Many countries around the world regard the development of new energy vehicles as the key to addressing climate change and optimizing the energy structure. They are promoting industrial progress in all aspects from strategic planning, scientific and technological innovation to promotion and application, and have formulated strategic plans for new energy vehicles to replace fuel vehicles.

Country/Region/City	Announcement Year	Implementation Year	Strategic Plan
Norway	2016	2025	All new passenger cars and light commercial vehicles to be zero-emission vehicles.
Taiwan, China	2017	2040	All new cars to be electric vehicles.
Ireland	2018	2030	All new cars and vans to be electric-only vehicles.
Iceland	2018	2030	Ban on sales of fossil-fuel-powered cars.
Netherlands	2018	2030	All new passenger cars to be zero-emission vehicles.
Denmark	2018	2030	Ban on sales of new gasoline and diesel cars.
		2035	Ban on sales of new plug-in hybrid vehicles.
Spain	2018	2040	Ban on sales of vehicles with direct CO2 emissions.
United Kingdom	2018	2040	Ban on sales of new gasoline, diesel cars, and vans.
France	2019	2040	Ban on sales of new fossil-fuel-powered cars.
Japan	2020	Early 2030s	All new passenger cars to be electric vehicles.
Canada	2020	2040	All new light-duty vehicles to be zero-emission vehicles.
Chile	2021	2035	All new cars to be electric vehicles.
Hainan, China	2022	2030	Ban on sales of gasoline-powered vehicles.
California, USA	2022	2035	All new passenger cars and light-duty trucks to be zero-emission vehicles.
European Union	2022	2035	All new cars and vans to achieve zero CO2 emissions (effectively zero-emission vehicles).

Strategic planning for EV to replace fuel vehicles in various countries and regions

- The state has made it clear that by the end of the 14th Five-Year Plan, China's charging infrastructure system will be able to meet the charging needs of more than **20 million** electric vehicles, and the number of charging piles is expected to reach **10.05 million** in 2025.
- The Ministry of Public Security released data: As of the end of June 2024, the national motor vehicle ownership reached 440 million, including **345 million** cars and **24.72 million** ,7%,new energy vehicles.



According to the latest insurance data released by China Automotive Data Research Institute, in the first half of April 2024, the penetration rate of new energy vehicles exceeded 50% for the first time, which is **11 years ahead** of the country's previous target (50% new energy penetration rate in 2035).

With the global growth of new energy vehicle charging, charging modules will also usher in a new period of rapid development

The global charging module market will exceed RMB 9.473 billion in sales in 2023.

Global

39.85%

North America

65.93%

928.85

The global charging module market is expected to grow at a compound annual growth rate from 2024 to 2030.

The compound annual growth rate of charging modules in North America is expected to grow from 2024 to 2030.

The market size will reach RMB 92.885 billion in 2030

From a regional perspective, the Chinese market accounts for 91.08% of global charging consumption, while Europe and North America account for 5.64% and 1.82% respectively. Although the North American market started late, it is expected to achieve a compound annual growth rate of 65.93% from 2024 to 2030.

EV-to-charger ratio:

China Target: 1:1

China leads the global module market, and the overseas market has huge potential under the goal of 1:1 EV-to-charging ratio

The global new energy vehicle industry is developing rapidly, and many countries have formulated plans to ban the sale of fuel vehicles.

2025: Norway, the Netherlands

2030: Germany, Belgium, Switzerland, Sweden, India

2040: the United Kingdom, France

This has promoted the rapid growth of the new energy vehicle industry and the development plans of vehicle manufacturers. The charging market has expanded accordingly

Now:

2.5:1

7:1

18:1

10.8:1

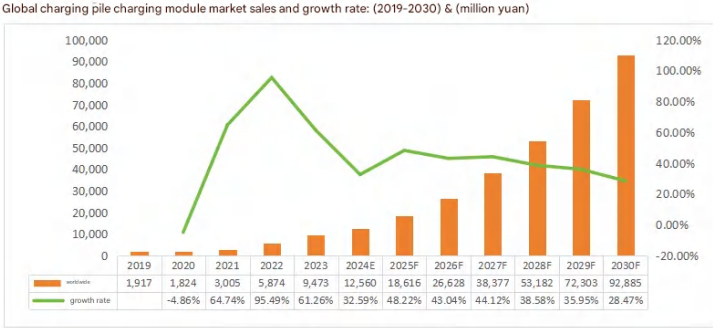
China

Japan

USA

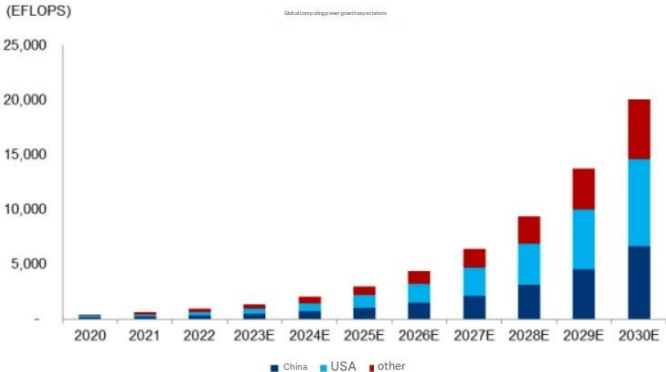
EU

Both are far below the ideal ratio of 1:1, which means that the charging facility market has room for continued growth.



Source: Third-party data, news reports, interviews with industry experts, and QYResearch research, 2024

Chart 2: Global computing power growth forecast (baseline scenario)



nivera.

Air-cooled High-Power AC/DC Charging Module

High efficiency, High power density

With isolated CAN communication interface, it communicates with the monitoring module by **CAN communication protocol**.
The charging module **output voltage mode can be set** through system monitoring, and realize **current limiting, module power on and off** and other functions. Using **patented circuit design and innovative technology**, it has the advantages of wide voltage range, high efficiency, high power factor, high power density, minimal electromagnetic radiation and interference, high protection performance, and high reliability, meeting the needs of various electric vehicles fast charging needs.

Model number argument	20KW	30KW	40KW	40KW-SiC	60KW
Constant power range	20KW(300~1000V)	30KW(300~1000V)	40KW(300~1000V)	40KW(300~1000V)	60KW(300~1000V)
Output current range	0~66.7A	0~100A	0~133.3A	0~133.3A	0~200A
Output voltage range(High Voltage)	50~1000V	150~1000V	150~1000V	150~1000V	200~1000V
Output voltage range(Low Voltage)	50~500V	150~500V	150~500V	150~500V	150~500V
Peak efficiency	95%	96%	96%	97%	96.5%
Size(W*D*H)	218*458*84mm	300*437*84mm	300*437*84mm	300*437*84mm	424x573x84mm
Fan noise	<65dB(1 m from the device)	<65dB(1 m from the device)	<65dB(1 m from the device)	<65dB(1 m from the device)	<65dB(1 m from the device)
Class of protection	IP20	IP20	IP20	IP20	IP20



30/40KW 北美ETL认证



30/40KW 欧洲TUV 认证



30KW Charging Module



40KW Charging Module (SiC)



60KW Charging Module



30/40KW 中国国内检测报告

60KW SiC

AC-DC CHARGING MODULE

High-efficiency IGBT
+ SiC MOS + Sic Diode



Intelligent Air Cooling
Design Low Noise



Full Glue Filling
Technology Long Lifespan



New Generation High-speed
Digital Processing TI Chip



Input voltage

384~530 Vac

Peak Efficiency

≥97%

Current range

0~200 A

Output voltage

200~1000 Vdc

Power factor

≥0.99

Input frequency

45~65 Hz

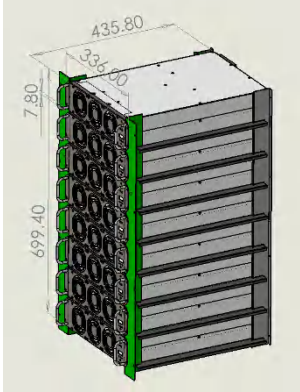
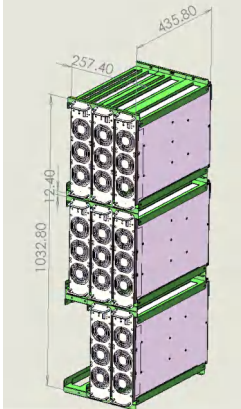
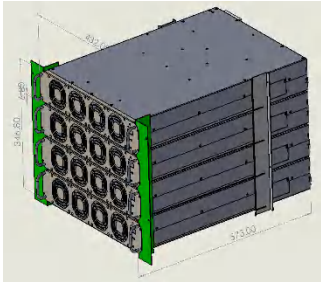
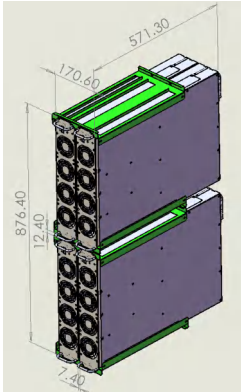
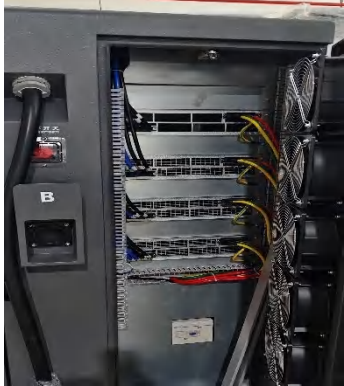
Example :



hypecharger 50KW/100KW module

60KW air cooled Charging Module

— 240KW All-in-one: physical architecture comparison of 60kW module VS 30kW module

Reduce the number of modules by 50%		Volume reduced by 30%+	Simplified structure
Number of modules: 8 → 4		Equipment volume: 1.2m ³ → 0.9m ³ (↓30%)	Internal connection points: 56 → 28 (↓50%) 50% reduction in interfaces → 20% reduction in failure rate
30kW module solution	8 pcs modules	 (horizontal)  (Vertical)	 
60kW module solution	4 pcs modules	 (Horizontal)  (Vertical)	 

- ◆ **Volume optimization:** Improve power density and reduce the need for installation space, especially suitable for urban charging stations with limited land resources.
- ◆ **Simplified structure:** Reduce the number of connection lines and interfaces between modules, reduce the complexity of internal circuits, and improve system reliability.

60KW air cooled Charging Module

— 240KW All-in-one: physical architecture comparison of 60kW module VS 30kW module

Lower initial investment: modular integrated design reduces the cost of the entire machine by 14%.

		Total cost - 30kW module solution	Total cost - 60kW module solution	Save ratio	Whole charger ratio	Whole charger save =save ratio × whole charger ratio
power module cost		8C	8C×0.8 60kW module unit price = 80% of 2 30kW modules	-20%	50%	-10%
power module cables and accessories cost	Input cable	use 10mm ² ZR-RV wire 8*3*1.4 (times)*0.9 (single length)*2.1 (USD/m) = 63.5 USD	use 25mm ² ZR-RV wire 4*3*0.9 (single length) *4.3 (USD/m) = 46.4 USD (save 17.1 USD)	-25%	6%	-1.5%
	Output cable	8*4*1.4(times)*0.9 (single length) *2.1 (USD/m) = 84.7 USD	4*4*0.9 (single length)*4.3 (USD/m) = 62 USD (save 12.7 USD)			
	Connectors	8 sets* 6.4 USD= 51.2 USD	4 sets*10 USD= 40 USD			
	OT terminal	8*(0.57+0.57)*1= 9.12 USD	4*(0.57+0.57)×1.8= 8.21 USD			
	Total cost	208.52 USD	156.61 USD (save 51.91 USD)			
Cooling system cost		60KW Higher efficiency, fewer air ducts, 30% less exhaust volume		-20.00%	8%	-1.6%
		5×30 USD = 150 USD	4×30 USD = 120 USD (Save 30 USD for a fan)			
Sheet Metal		4pcs 60KW modules designed for 240kw charger reduce 16% space, saving cost 10%		-10.00%	8%	-0.8%
Total Cost						-13.9%

Optimized operation and maintenance costs: Fewer modules means lower maintenance frequency and spare parts inventory requirements, meanwhile shortening troubleshooting time.

niuera. Niuera Developing Ecology



Overseas sales network



CA, USA

12257 Florence Ave, Santa Fe Springs, CA 90670, USA

+1(562) 529 2938



Dusseldorf, Germany

Heinrich-Walbrohl-Weg 41, 40489 Dusseldorf, Germany

+49-17666642914



Moscow, Russia

1st floor, building 2ZH, Pritsefabrika complex, Tomilino work area, Lyubertsy, Moscow, Russia

+7(925)911-68-17

Overseas Service Center Provides



Pre-sales consult with service hotline



Responsive fast shipping with bulk in-stock storage in the warehouse



Technical support for product installation and debugging etc



After-sales support for customer complaint & feedback

Strategic Ecosystem

新纽元
NIUERA

Domestic Charging operation



Q/XNY

苏州新纽元电子科技有限公司企业标准
Q/XNY001-2021

电动汽车充电站建设管理规范

2021-05-15 发布 2021-05-15 实施
新纽元科技集团 发布

Chagera brand operates in five regions of Suzhou, Yangzhou, Taizhou, Nantong, and Wuxi, with 100 charging stations and 300 DC fast charging devices built, has our own construction and operation standards.



Based on continuous research and investment in core products, we continuously develop leading products in the new energy industry

niuera. Complete Product Verification Channel

With the advantages of our CSA authorized Laboratory, NIUERA has a complete product verification process. Meanwhile, our over 100 self-built charging stations ensures support for multi-scenario testing, effectively shortening the time it takes for products to go from the laboratory to the mature market.

Complete power electronics laboratory to verify products



Self-owned charging station verification products



Customers use mature products



NIUERA has a complete product verification channel from product R&D to laboratory verification to field verification, so the research and development is more mature!



1.Product
R&D



2.Lab Testing



3.Practical field
application
verification



4.Customer
Application

Product Name	30kW充电模块	Product Model	XEH30KTX01	Page	/
Customer Name	/	Customer Model	/	Room Tem	/
Product Electrical Characteristics	Rated Input				
	RatedOutput				
	Marching Lamps				
	Compponent Type			λp	
1	Resistor			0.05	
2	SMD Resistor			0.50	
3	Thermistor			0.02	
4	Variable Resistor			0.01000	
5	Film Capacitor			0.10000	
6	Capacitor(aluminum)			1.2000	
8	Ceramic Capacitors			0.0476	
9	Relay			1.100	
10	Diode			1.85	
11	MOSFET			1.900	
12	IC			0.2819	
13	Inductance			1.20000	
14	Fuse			0.005	
15	PCB			0.019	
16					
Remark					
total λp=	8.2837572				
MTBF=	120718.1688	hours	13.78061288	years	

<

>

cover

MTBF

Resistor (电阻)

SMD Resistor (贴片电阻)

Thermistor (热敏电阻)

Three ETL test modules were randomly selected to test their working conditions under harsh conditions such as high temperature of 50°C and low temperature of -40°C. This constant temperature test aims to evaluate the performance of ETL modules under different temperature environments, including key indicators such as stability, efficiency, and reliability, and provide data support and basis for product optimization and improvement and practical application.....



High and low temperature
test chamber

Test item	Condition	Result
High Temp Aging	55°C,1000H	Zero failure
Low Temp Start	-40°C, start 500 cycles	Startup success rate ≥ 99.9%
Humidity Circle	95%RH, temperature change for 30 days	No insulation resistance attenuation
Vibration Test	10-2000Hz random vibration	No structural damage, no electrical failure

Two years of verification: the true answer to stability

Self-owned Charging Stations

- 5 cities, 110 fast charging stations, 414 fast chargers, 1506 power modules

Cumulative Operation Time

- Maximum single module 26 months, maximum working charging working time 3510 hours (average 2008 hours)

Annual Failure Rate

- 0.3% (Compared with the industry average of 1.5%, it has a significant advantage).



Station ID	Station Name	Start time	End time	Usage time	Power	Bill status	Reason for failure	Operate
BUZH	32050940401002	2025-03-28 13:44:23	14:12:02	27	14.03	13.760	Uploaded	[Details] [Details]
BUZH	32050940401002	2025-03-28 13:06:13	13:43:10	36	49.15	48.188	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-28 12:11:30	13:03:11	51	41.60	40.791	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-28 11:54:00	12:34:02	40	13.18	12.923	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-28 10:54:52	10:55:20	0	0.00	0.000	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-28 10:53:56	10:54:38	0	0.00	0.001	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-28 10:52:41	10:53:34	0	0.00	0.000	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-28 10:49:33	10:49:48	0	0.00	0.000	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-28 10:09:19	10:36:17	26	27.04	26.514	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-28 04:05:55	04:53:47	47	28.50	25.913	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-27 17:51:59	18:32:57	40	26.61	26.089	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-27 15:21:27	16:21:22	59	57.91	56.776	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-27 12:27:07	13:35:39	68	24.66	24.186	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-27 10:57:30	11:46:22	48	18.01	17.662	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-26 21:51:10	22:28:43	37	19.46	18.033	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-21 20:52:40	21:27:32	34	30.71	30.116	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-20 20:08:39	20:24:44	16	10.36	10.158	Settled	[Details] [Details]
BUZH	32050940401002	2025-03-20 17:05:23	17:48:35	43	28.37	27.820	Settled	[Details] [Details]

[E126] BST battery achieves the goal...

[E002] APP remote stop

[E030] SOC has reached the preset value

[E126] BST battery achieves the goal...

[E001] Manually stop charging

[E001] Manually stop charging

[E001] Manually stop charging

[E076] Charging port electronic lock...

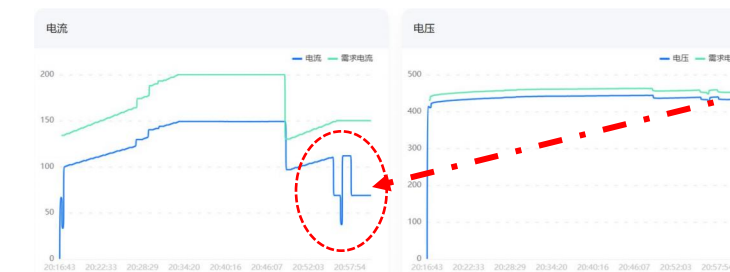
[E126] BST battery achieves the goal...

[E126] BST battery achieves the goal...

[E002] APP remote stop



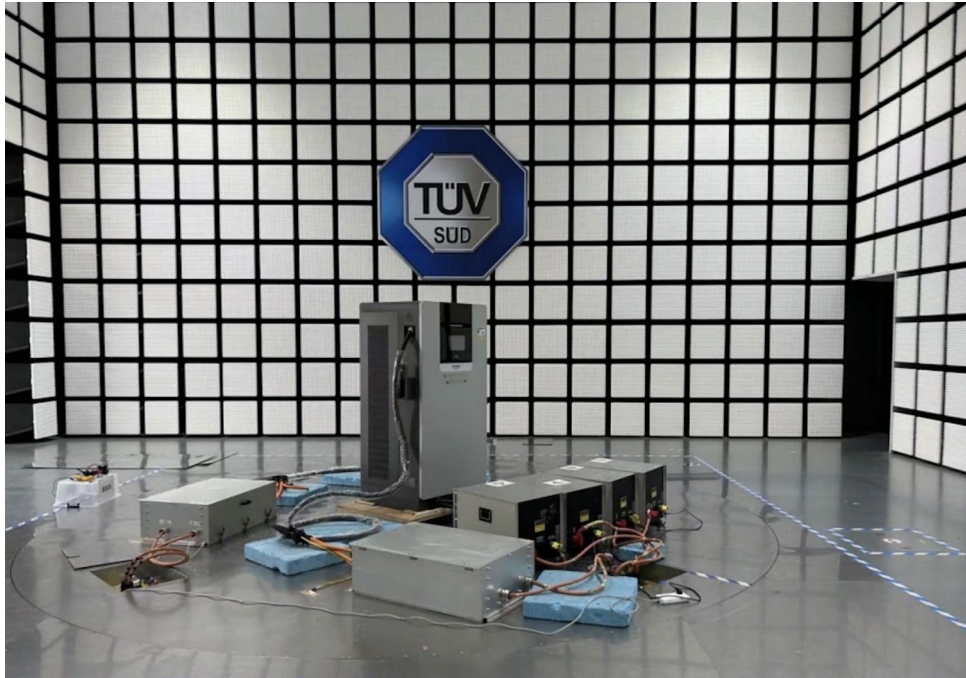
Real-time
synchronizati
on is normal



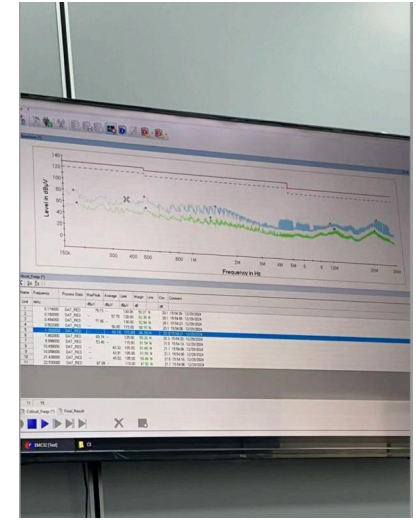
The actual
current
deviation is
abnormal

The operation and maintenance platform not only monitors the normality of each order

It also analyzes the module's response speed and fluctuation anomalies during charging.



EMC test for charging piles



Support customer to pass EMC test

Tec Support:

In order to cooperate with customers to obtain CE and FCC certifications, we rely on professional technology and our own EMC laboratory to not only fully meet the EMC requirements of the charging module, but also provide EMC rectification support for customers' charging piles.

Guarantee for R&D and comprehensive testing



Regarding ETL and CSA certificate testing, it can be completed in our company



Performance Testing



Stress Test



Protection test



EMC Test



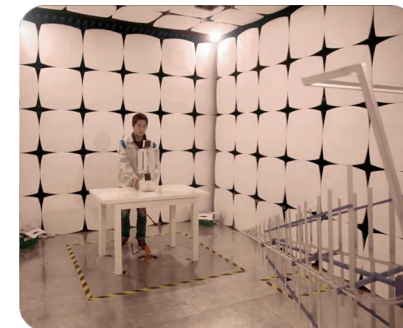
Water-proof Test



Safety Testing



Temperature Test



EMI Test



Temperature Test

Provide support for the production of charging stations



Provide Core Charging Module

- ✓ Air-cooled High Power AC/DC Charging Modules
- ✓ Liquid-Cooled Super High Power AC/DC Charging Modules
- ✓ High Power V2G Charging Modules
- ✓ Customization Small Dc Charging Modules



Provide One-stop Service to Achieve Overseas Localized Production of Charging Stations

Provide product selection and design



1



2

Agents for the export of procured components



4

Provide O&M training for charging stations



3

Provide a complete set of SOP assembly processes and testing methods

One stop solution to assembly Charging pile oversea

Provide training, visits, learning, and practice for clients



Provide customers with all BOM lists and SOP process documents

[illegible]

设备名称: 1700型光电式测角仪	产品型号: JXDY1700-T08MM-1-2	1.序号: 2	2.项目代码:	3.设备来源:
1.设备名称: 安装式测角仪	第一部分: 安装固定式测角仪		第二部分: 安装式测角仪	
2.序号: 1	3.设备来源:	4.设备来源:	5.设备来源:	6.设备来源:
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产品名称: 120W功率因数校正电源板	产品型号: EPC9120-120W4848-1-2	工步序号: 6	文件名称:	版本号: 0.01
产品名称: 安规浪涌保护端子线	尺寸: 150mm, 80mm, 固定安规板	尺寸: 2mm, 模塑端子线	文件编号:	版本: V1.0
制作者: 王	审核者: 王	产线名称: 模具编号: 治具: 测试: 品质:	操作说明	

物料清单			
物料名称	单位	数量	
浪涌保护器	PCS	4	
浪涌保护器	套	4	
固定端子线	套	4	
输入线端子	PCS	4	
输出线端子	PCS	4	
绝缘固定端子线	套	8	

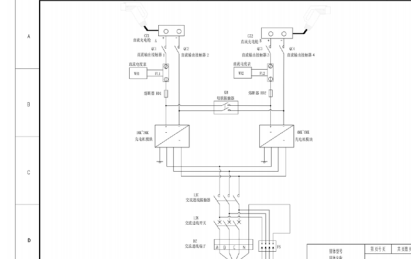
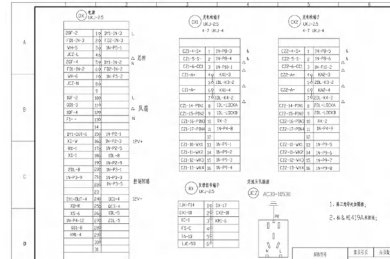
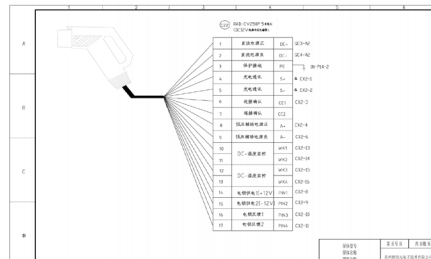
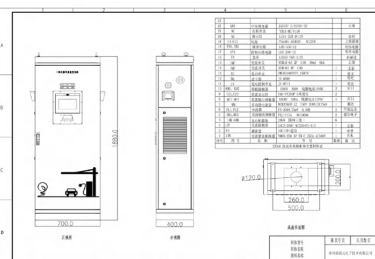
所需工具			
工具名称	规格型号	单位	数量
十字螺丝刀			

装配要求	
物料摆放是否准确	目视

检验方式	
外观检查	目视

《工艺要求书》	1. 浪涌保护器(1个), 浪涌保护端子线(1个)	2. 输入线端子线(4个)和输出线端子线(4个)
检验事项	3. 浪涌保护器安装	4

Provide drawings



niuera. Well-established Manufacturing Base



Stacked power robotic arms



Automatic dispensing robot



SMT Automation Production Line



Insertion



Wave Soldering



Power electronics aging system



Waveform Test



Coating machine (three-proof paint)

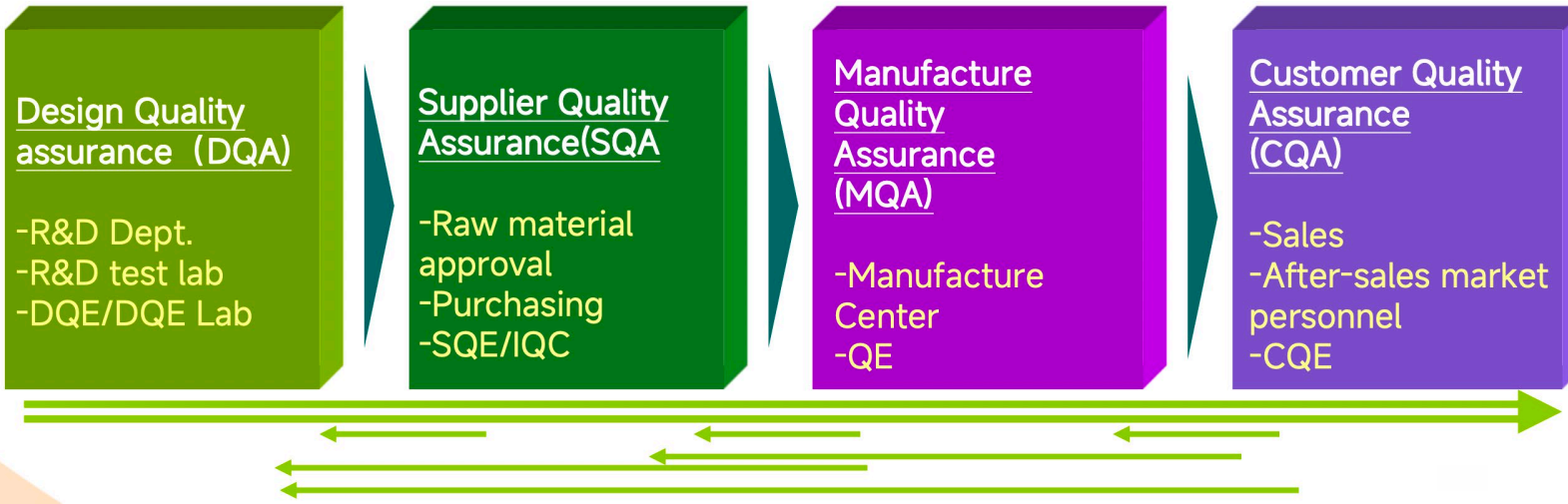


Function Test



Aging Test System

TQM Total Quality Management



ISO 14001



ISO 9001

How to Speed up and Expand our cooperation ?

- providing with **good prices, good performance products and localized services.**
- Support to quickly complete product **verification and certification**
- In India, we can cooperate to promote charging-related products.
- The technical verification required will be provided free of charge, including the cooperation of **Soochow Universities and IETTA**(international Energy Technology Transformation Alliance)
- Provide with annual **on-site technical support.**

What is our quality commitment ?

- We can verify the chargers in our lab and charging station, and show you by video or you can check on site
- we will make and send you the instructions about how to repair and replace the failed component.
- We can offer you spare parts for consumables so that your side can have a maintenance and repair for any issue happen in the future.

niuera. Global Sales Network



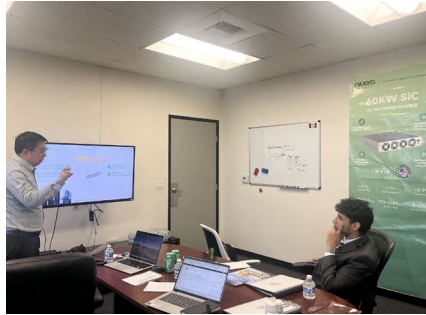
To build NIUERA's brand as a professional charging module manufacturer, targeting China, North America and Europe, to expand its market influence through a combination of comprehensive online media and offline exhibitions.

- 2023.9 Shenzhen CPSE
- 2023.10 134th Canton Fair
- 2024.1 Power2 Drive USA
- 2024.6 Inter Solar/Power2 Drive GE
-



US market. The world's largest market, Espen has established a joint venture in Los Angeles, in order to avoid tariffs through third-party assembly and finally achieve BABA in America.

Niuera Power Inc
 Add: 10700 Norwalk Blvd., Santa Fe Springs,
 CA 90670
 Tel: (562) 855-0125
 M.P: (562) 589-2217
 website: www.niuera-power.com



Indian market: With rapid economic growth and strong demand, we have strategically partnered with multiple clients and CKD will become the main mode of cooperation

Central Asia market: Following the national the Belt and Road policy, participates in the construction of charging facilities



Uzbekistan Ministry of Energy , MEGA WATT, ND charger, Volt Auto



Overseas Sales Network

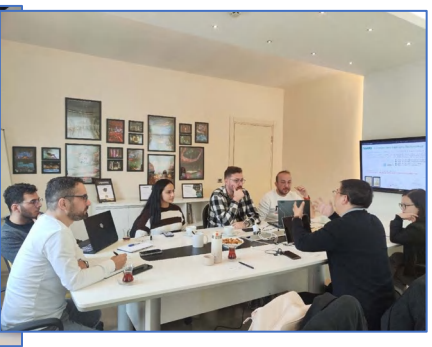
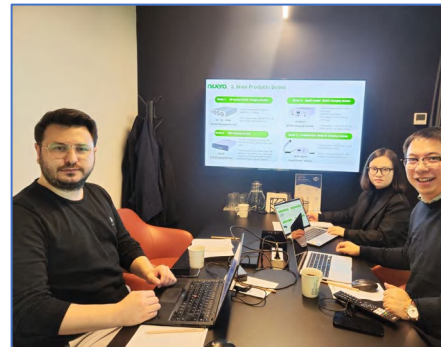
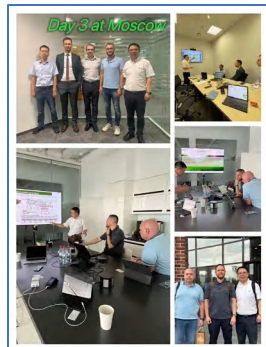
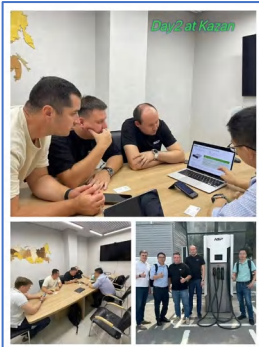
European market. Through accumulation, the European market has already established some customers , and the market is scattered and easy to enter. An office, warehouse, and customer service point have been established in *Dusseldorf*.



2024 European New Energy Exhibition

Russian market. We have accumulated a certain number of customers and have leading enterprises. We have cooperative distributors in *Moscow*

The Turkish market: has partnered with several customers to mainly supply the European and Turkish local markets.



Product Case - Self-owned Charging Station



E-Bus Charging Station - 30KW charging module



Hotel Station
- 30KW charging module



XinHuangDai Charging Station
-30KW charging module



GuGong Convenience Charging Station - 20KW charging module

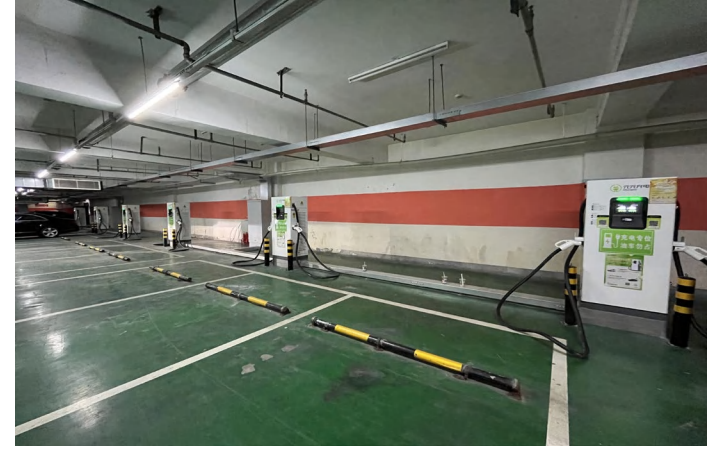
Product Case - Self-owned Charging Station



Nantong Innovation Center
Station-30KW charging module



Comprehensive Bonded Zone
Station-20KW Charging Module



Nantong South Street Underground Brand
Plaza Station-30KW Charging Module



Taigu Plaza Station-30KW charging module (silicon carbide)



Pingtian Park Station-40KW charging
module

Summary

1. NIUERA is a high-tech enterprise with power electronics as its core technology and focusing on new energy vehicle charging and communications. It has first-class laboratories, manufacturing systems and talent teams **to provide customers with high-quality charging module products.**
2. Based on charging module products, NIUERA relies on its excellent engineering capabilities **to assemble charging modules overseas and provide one-stop services for customers**
3. Based on our cooperation, we hope to establish a **strategic cooperative relationship** and jointly develop the new energy market.