Lilon ChargeTech

Leading Manufacturer of Lithium Battery Chargers and Power Adapters





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01

Company Overview

The Company Overview summarizes the background, history, mission, and milestones of Linlon. It outlines the founding, key achievements, and Lilon’s commitment to innovation and reliability in the lithium battery charger and power adapter industry.

01

Company Overview

Shenzhen Lilon ChargeTech Co., Ltd. located in Pingshan District, Shenzhen, we specialize in the research, development, and sales of lithium battery chargers and power adapters. As a high-tech enterprise with a 1,500 square meter facility and over 50 skilled employees, we are committed to delivering efficient and reliable power solutions globally.

Our product range includes lithium battery chargers, power adapters, electric vehicle chargers, hoverboard chargers, and industrial power supplies, with power outputs from 12W to 600W. Our rigorous quality management system ensures all products meet international certifications such as 3C, CB, KC, ETL, PSE, and CE.



At Lilon, we prioritize customer satisfaction, continuously advancing our R&D efforts and providing exceptional after-sales support. Our goal is to build trust through high-quality products and professional service, fostering mutual benefits and growth.

We have successfully entered domestic and international markets, gaining recognition for our quality and service, and we look forward to expanding our global presence and partnerships.



History and Milestones

2019

Co-founded the "Linkeleon LK150" brand.

2020

Initiated the R&D project for lithium-ion battery pack chargers.

2021

Applied for high-tech enterprise.

2022

Launched the R&D project for energy storage power supply chargers.

2023

Successfully exported medical device power battery pack chargers.

2024

Obtained ISO 9001:2015 quality management system certification.

Our Mission

At Lilon, our mission is to provide innovative, reliable lithium battery chargers and power adapters that meet global standards.

We ensure optimal safety and performance through premium materials, advanced production, and smart technology.

With customized solutions and a focus on efficiency, we aim to enhance device performance and expand our global reach through continuous innovation and exceptional service.



02

Facilities and Manufacturing Process

The production process begins with material procurement and part manufacturing, followed by a series of quality checks including initial testing, assembly, and various performance tests. Final products are thoroughly inspected before packaging and storage, ensuring reliability and compliance with quality standards.

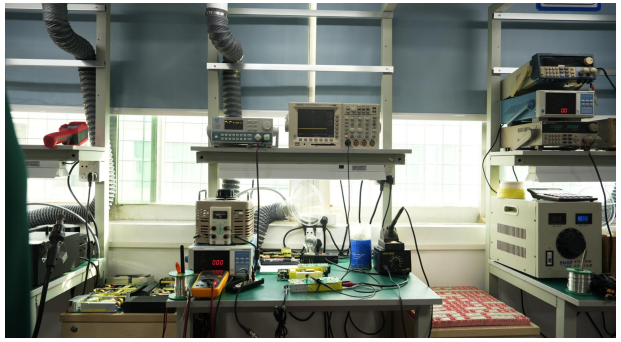
Lilon

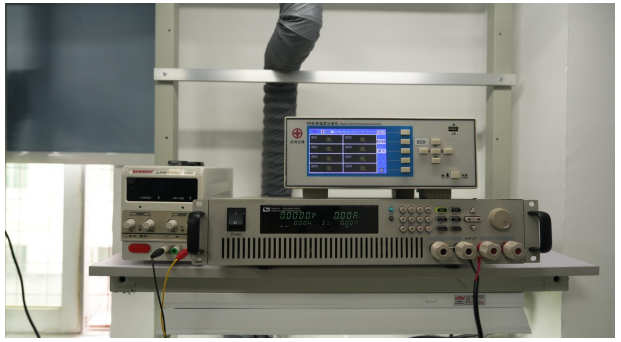
Facilities





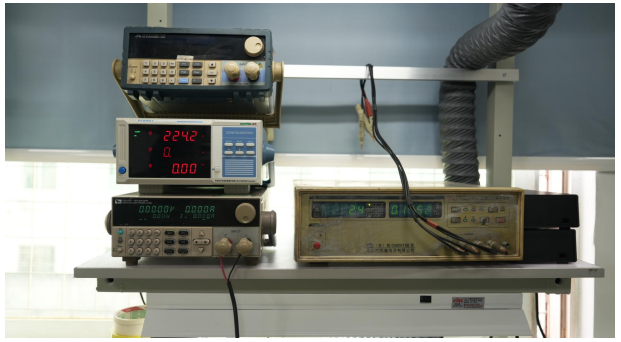










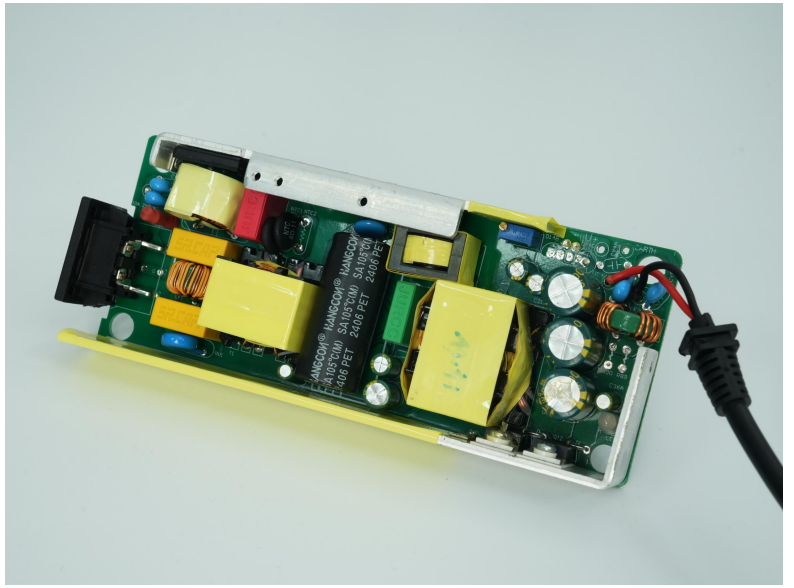


Manufacturing Process







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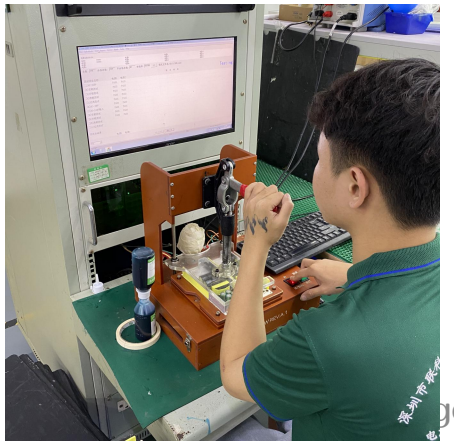

03

Certifications and Products

All kinds of certified power adapters and lithium battery chargers, ranging from 12W to 1200W+, have passed 3C, CB, KC, ETL, PSE, CE, EMC, LVD, GS, FCC, SAA, and ROHS certifications. Lilon ensures that all of our products meet international standards.

Certifications













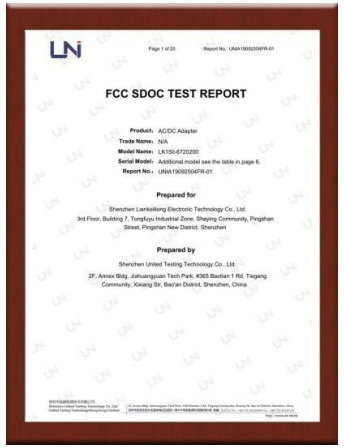



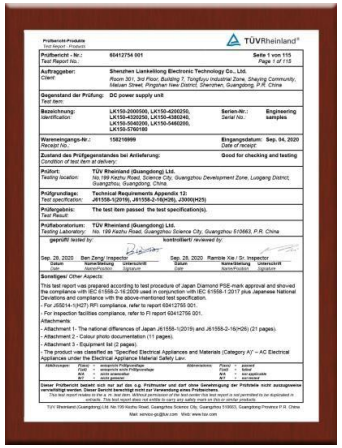

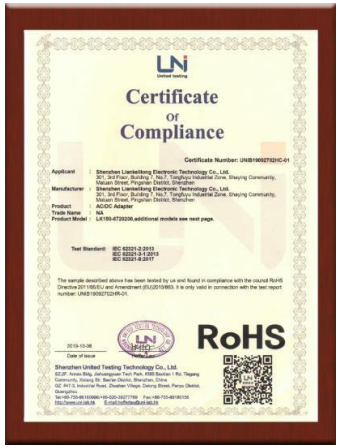

50W Series Models





√ Red and green LED indicators for charging status

√ Two-stage charging characteristics

√ Universal AC input range

√ No-load power consumption <1.5W

√ Protection features: Short-circuit, over-voltage, under-voltage, over-current, reverse polarity, and backflow prevention

√ Natural air cooling

√ 3-year warranty

√ Safety certifications: CCC, CE, FCC, ROHS, ETL, KC, CB, PSE

→ For more details, please contact us to request the product specifications.

Model No.	LK150-1260400	168YYYY	210YYYY	252YYYY	294YYYY	336YYYY	378YYY	420YYYY	504YYY	546YYY
	XXX-042-588 represents the output voltage, ranging from 4.2V to 58.4Vdc. YYYY=0050-0420 represents the output current, ranging from 0.5A to 4.2A.									
Max Power	50W									
Input Voltage	Adjustment range: AC 90-264V (For mains voltage below 120V, please reserve about 30% of output power capacity) Standard voltage: 100-240VAC									
Output Voltage Range	12.6V	16.8V	21V	25.2V	29.4V	33.6V	37.8V	42V	50.4V	54.6
Output Current Range	4.0A	3.0A	2.5A	2.0A	1.8A	1.5A	1.5A	1.0A	0.8A	0.8A
Size	110*50.7*31.7MM									
Safety certificate	CCC、CE、FCC、ROHS、ETL、KC、CB、PSE									

75W Series Models



√ Red and green LED indicators for charging status

√ Two-stage charging characteristics

√ Universal AC input range

√ No-load power consumption <1.5W

√ Protection features: Short-circuit, over-voltage, under-voltage, over-current, reverse polarity, and backflow prevention

√ Natural air cooling

√ 3-year warranty

√ Safety certifications: CCC, CE, FCC, ROHS, ETL, KC, CB, PSE

→ For more details, please contact us to request the product specifications.

Model	LK150-0840500	126YYYY	168YYYY	210YYYY	252YYYY	294YYYY	336YYYY	378YYY	420YYYY	432YYY	546YYY
	XXX-042-588 represents the output voltage, ranging from 4.2V to 63Vdc. YYYY=0050-0500 represents the output current, ranging from 0.5A to 5.0A.										
Max Power	75W										
Input Voltage	Adjustment range: AC 90-264V (For mains voltage below 120V, please reserve about 30% of output power capacity) Standard voltage: 100-240VAC										
Output Voltage Range	8.4V	12.6V	16.8V	21V	25.2V	29.4V	33.6V	37.8V	42V	43.2V	54.6V
Output Current Range	5.0A	5.0A	4.0A	3.3A	2.5A	2.4A	2.0A	1.8A	1.5A	1.5A	1.2A
Size	124*56.4*31.8MM										
Safety certificate	CCC、CE、FCC、ROHS、ETL、KC、CB、PSE										

85W Series Models





√ Red and green LED indicators for charging status

√ Two-stage charging characteristics

√ Universal AC input range

√ No-load power consumption <1.5W

√ Protection features: Short-circuit, over-voltage, under-voltage, over-current, reverse polarity, and backflow prevention

√ Natural air cooling

√ 3-year warranty

√ Safety certifications: CCC, CE, FCC, ROHS, ETL, KC, CB, PSE

→ For more details, please contact us to request the product specifications.

Model	LK150-1260600	168YYYY	210YYYY	252YYYY	294YYYY	336YYYY	378YYY	420YYYY	432YYY	546YYY	576YYY
	XXX-042-672 represents the output voltage, ranging from 4.2V to 67.2Vdc; YYYY=0050-0600 represents the output current, ranging from 0.5A to 6.0A.										
Max Power	85W										
Input Voltage	Adjustment range: AC 90-264V (For mains voltage below 120V, please reserve about 30% of output power capacity) Standard voltage: 100-240VAC										
Output Voltage Range	12.6V	16.8V	21V	25.2V	29.4V	33.6V	37.8V	42V	43.2V	54.6V	57.6V
Output Current Range	6.0A	5.0A	4.0A	3.0A	3.0A	2.5A	2.0A	2.0A	2.0A	1.5A	1.5A
Size	145.3*59.8*32.2MM										
Safety certificate	CCC、CE、FCC、ROHS、ETL、KC、CB、PSE										

135W Series Models





√ Red and green LED indicators for charging status

√ Two-stage charging characteristics

√ Universal AC input range

√ No-load power consumption <2W

√ Protection features: Short-circuit, over-voltage, under-voltage, over-current, reverse polarity, and backflow prevention

√ Natural air cooling

√ 3-year warranty

√ Safety certifications: CCC, CE, FCC, ROHS, ETL, KC, CB, PSE

Model	LK150-1261000	168YYYY	200YYYY	220YYYY	252YYYY	294YYYY	336YYYY	378YYY	420YYYY	546YYY	576YYY	588YYY
	XXX-042-672 represents the output voltage, ranging from 4.2 to 67.2Vdc. YYYY=0050-0600 represents the output current, ranging from 0.5A to 10.0A.											
Max Power	135W											
Input Voltage	Adjustment range: AC 90-264V (For mains voltage below 120V, please reserve about 30% of output power capacity) Standard voltage: 100-240VAC											
Output Voltage Range	12.6V	16.8V	20V	22v	25.2V	29.4V	33.6V	37.8V	42V	54.6V	57.6V	58.8V
Output Current Range	10.0A	7.0A	5.0A	5.0A	5.0A	4.0A	3.5A	3.0A	3.0A	2.0A	2.0A	2.0A
Size	172*72.5*33MM											
Safety certificate	CCC、CE、FCC、ROHS、ETL、KC、CB、PSE											

150W Series Models





√ Active PFC

√ High efficiency with a power factor (PF) greater than 0.95

√ Red and green LED indicators for charging status

√ Two-stage charging characteristics

√ Universal full-range AC input

√ No-load power consumption <0.5W

√ Protection features: Short-circuit, over-voltage, under-voltage, over-current, reverse polarity, and backflow prevention

√ 3-year warranty

√ Safety certifications: CCC, CE, FCC, ROHS, ETL, KC, CB, PSE

Model	LK150-1261100	168YYYY	200YYYY	220YYYY	252YYYY	294YYYY	336YYYY	378YYY	420YYYY	546YYY	576YYY	588YYY	672YYY
	XXX-042-672 represents the output voltage, ranging from 4.2 to 67.2Vdc. YYYY=0050-0600 represents the output current, ranging from 0.5A to 11.0A.												
Max Power	150W												
Input Voltage	Adjustment range: AC 90-264V (For mains voltage below 120V, please reserve about 30% of output power capacity) Standard voltage: 100-240VAC												
Output Voltage Range	12.6V	16.8V	20V	22v	25.2V	29.4V	33.6V	37.8V	42V	54.6V	57.6V	58.8V	67.2V
Output Current Range	11.0A	8.0A	7.0A	6.5A	5.5A	5.0A	4.0A	3.8A	3.5A	2.8A	2.5A	2.5A	2.2A
Size	172*72.5*33MM												
Safety certificate	CCC、CE、FCC、ROHS、ETL、KC、CB、PSE												

350W Series Models





√ Active PFC

√ High efficiency with a power factor (PF) greater than 0.95

√ Red and green LED indicators for charging status

√ Two-stage charging characteristics

√ Universal full-range AC input

√ No-load power consumption <2.5W

√ Protection features: Short-circuit, over-voltage, under-voltage, over-current, reverse polarity, and backflow prevention

√ 3-year warranty

√ Safety certifications: CCC, CE, FCC, ROHS, ETL, KC, CB, PSE

Model	LK150-1261500	144YYYY	168YYYY	220YYYY	252YYYY	294YYYY	336YYYY	378YYY	420YYYY	546YYY	588YYY	672YYY	714YYY
	XXX-042-672 represents the output voltage, ranging from 4.2 to 84Vdc. YYYY=0050-0600 represents the output current, ranging from 0.5A to 15.0A.												
Max Power	350W												
Input Voltage	Adjustment range: AC 90-264V (For mains voltage below 120V, please reserve about 30% of output power capacity) Standard voltage: 100-240VAC												
Output Voltage Range	12.6V	14.4V	16.8V	22V	25.2V	29.4V	33.6V	37.8V	42V	54.6V	58.8V	67.2V	71.4V
Output Current Range	15.0A	15.0A	15.0A	10.0A	12.0A	10.0A	10.0A	8.0A	8.0A	6.0A	5.5A	5.0A	4.0A
Size	206.4*107.4*55.4MM												
Safety certificate	CCC、CE、FCC、ROHS、ETL、KC、CB、PSE												

04

Services and Key Accounts

Our clients include SMEs and listed companies across industries such as lithium battery manufacturing, electric bikes, e-scooters, children’s electric vehicles, electric motorcycles, forklifts, water purifiers, medical devices, energy storage, power equipment, smart robots, outdoor power, fitness equipment, and communication devices.

Services

At Lilon, we offer a full range of services for lithium battery chargers, ensuring high-performance solutions tailored to meet the unique needs of our clients. Our services include:

Custom Design & Development: Tailored charger designs to suit specific voltage, current, and application requirements.

Technical Support: Comprehensive technical assistance from product selection to integration and troubleshooting.

Safety & Compliance: All chargers are rigorously tested and certified to meet international safety and quality standards, such as CCC, CE, FCC, and others.

Prototyping & Testing: Fast prototyping with detailed testing to guarantee performance and reliability.

After-Sales Service: Dedicated after-sales support, including maintenance, repair, and upgrades, ensuring long-term customer satisfaction.

Global Shipping & Logistics: Efficient worldwide delivery of chargers with reliable tracking and support.

ODM Process

Requirement Confirmation and Technical Communication

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Design Proposal and Customization Solution

↓

Sample Production and Testing

↓

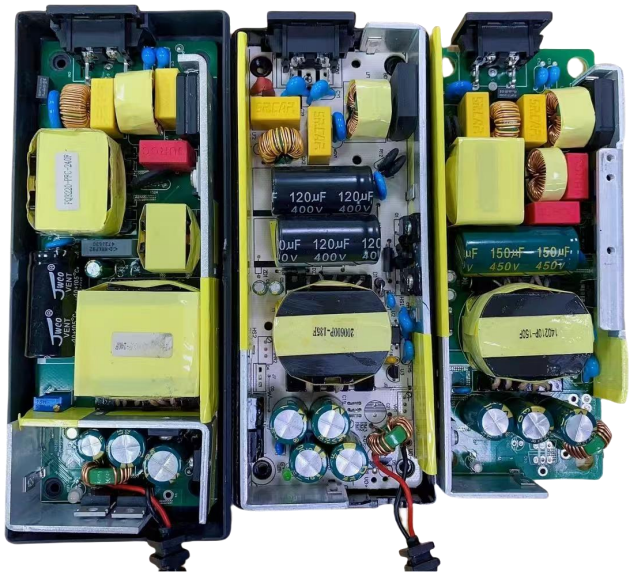
Feedback and Revision

↓

Mass Production

↓

Quality Control and Delivery





Key Accounts

HUAWEI

SCUD 飞毛腿

xiaomi

融捷集團

EVOLVER

平湖岳氏车业股份有限公司
Pinghu Yueshi Vehicle Industry Co., Ltd.

UNITREE

LIGN 力冠新能源科技

SPYRACING
ROAD QUAD BIKES AND MOTORCYCLES

电小二
户外电源

Widely Applicable



Golf Cart



Power Supply



Robot



Mower



Treadmill



Balanced Vehicle



Medical Equipment



Electric Bicycle



Electric Tool



LED lamp



Massage Chair



UAV



Battery Pack



Electric Wheelchair



Electric Vehicle

05

Contact

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THANKS