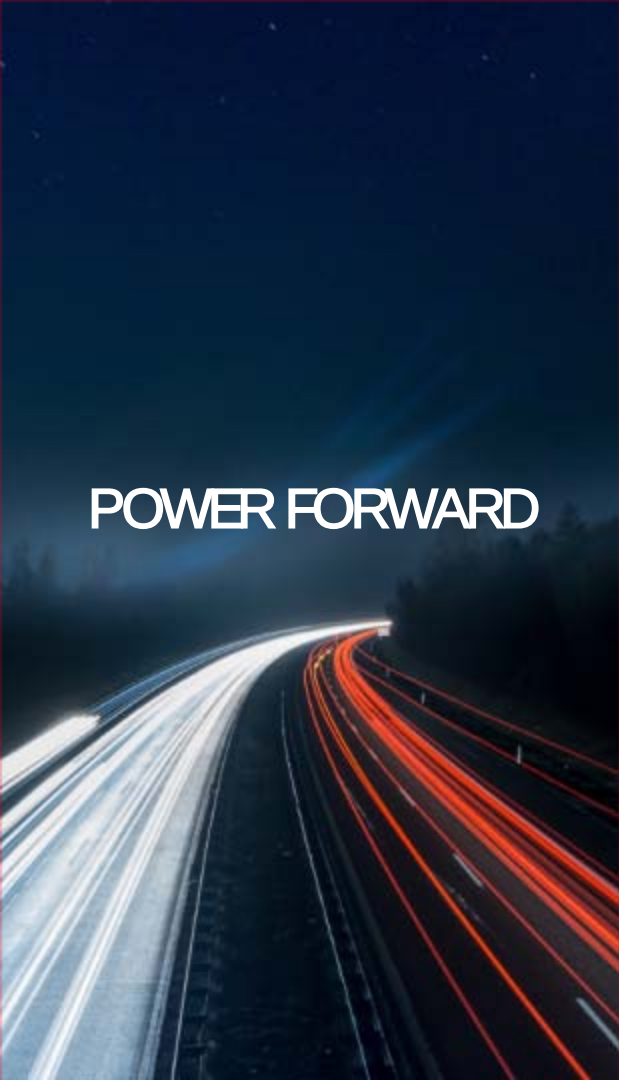




POWER FORWARD



LEADER ELECTRONICS INC.



Investor Conference
(TWSE: 3058)

2022. 12.09



Safe Harbor Notice



This Presentation including content relating to business outlooks, financial operations, or forward-looking statement hereof reflects the Company' s estimates and expectations as of now and is subject to known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements.

The Company is not responsible for updating or amending changes or adjustments made to the contents of this presentation, if such changes or adjustments should occur in the future.



Index

01 About LEI

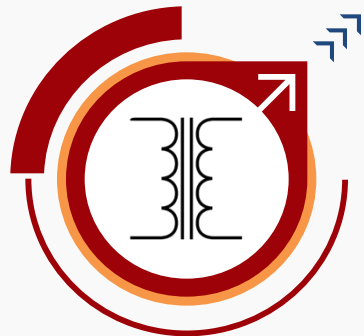
02 Products We Offer

03 Financial Summary

04 POWER FORWARD



Milestones



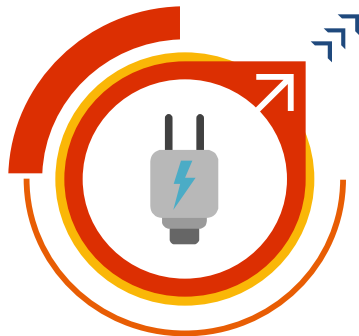
1970-1980

- LEI started as a manufacturer of audio transformers and film capacitors in 1970 ~ 1973.
- Began to produce adapters that are safety compliant in
- 1979. Purchased HsinDian site. Power adapters went online for production.
- Purchased TaiNan Site and DunNan office in Taipei City .



1990

- Offices and R&D center were expanded in HsinDian. LEI
- DongGuan & JianSu were established.



2000

- Publicly Listed on the TaiEx.
- Self-Certified UL & TUV Lab.
- Awarded or preferred suppliers by Sony, Netgear, Schneider, Rockwell, Motorola...etc



2010

- LEI PH was established.
- LEI DongGuan passed MFi system review.
- Type-C PD device was firstly certified by USB-IF.
- Purchased HQ in New Taipei City.
- LEI JianSu Site was granted by IATF 16949.



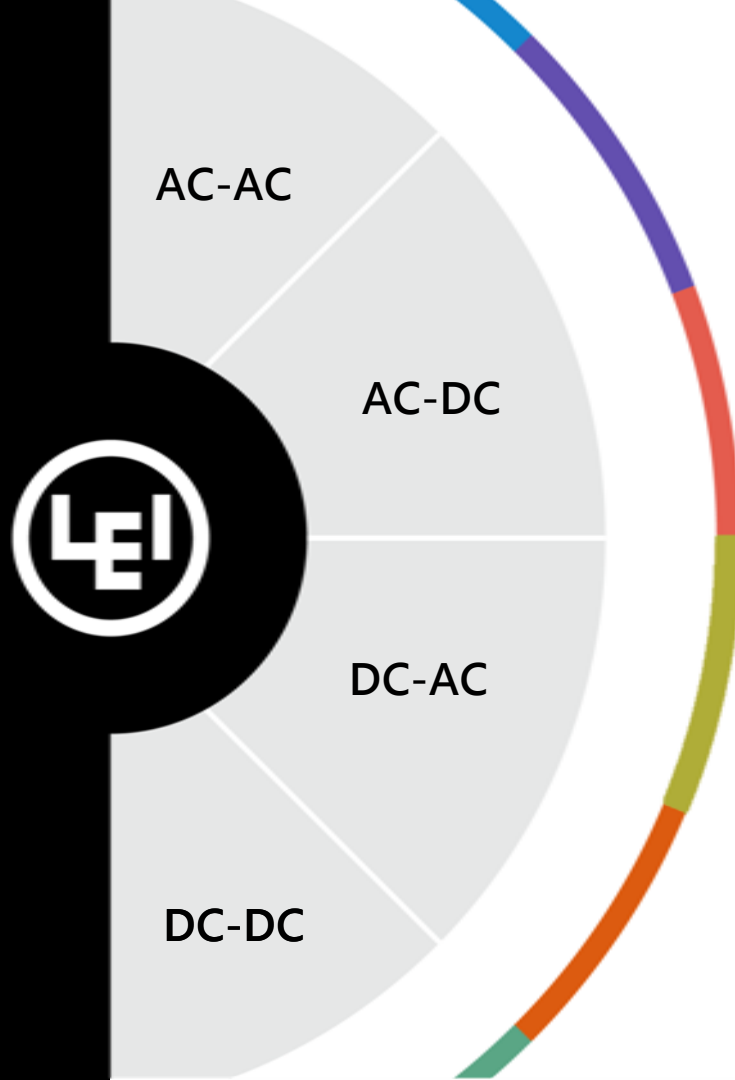
2020

- 50th anniversary celebration of LEI Group.
- PH Manufacturing Site 2 and India Site 1 were expanded and established respectively.
- Engaged in ESS and EV fields.
- Motor Business Unit was formed.
- Provide ESS 2MW dReg 0.25 project for Taipower.

PRODUCTS WE OFFER

We Create Integrated
Systems for Smart
Power Solutions.

1.2 | WE ARE LEADER



Magnetics



Switching



EV/ Charger



Motor



ESS

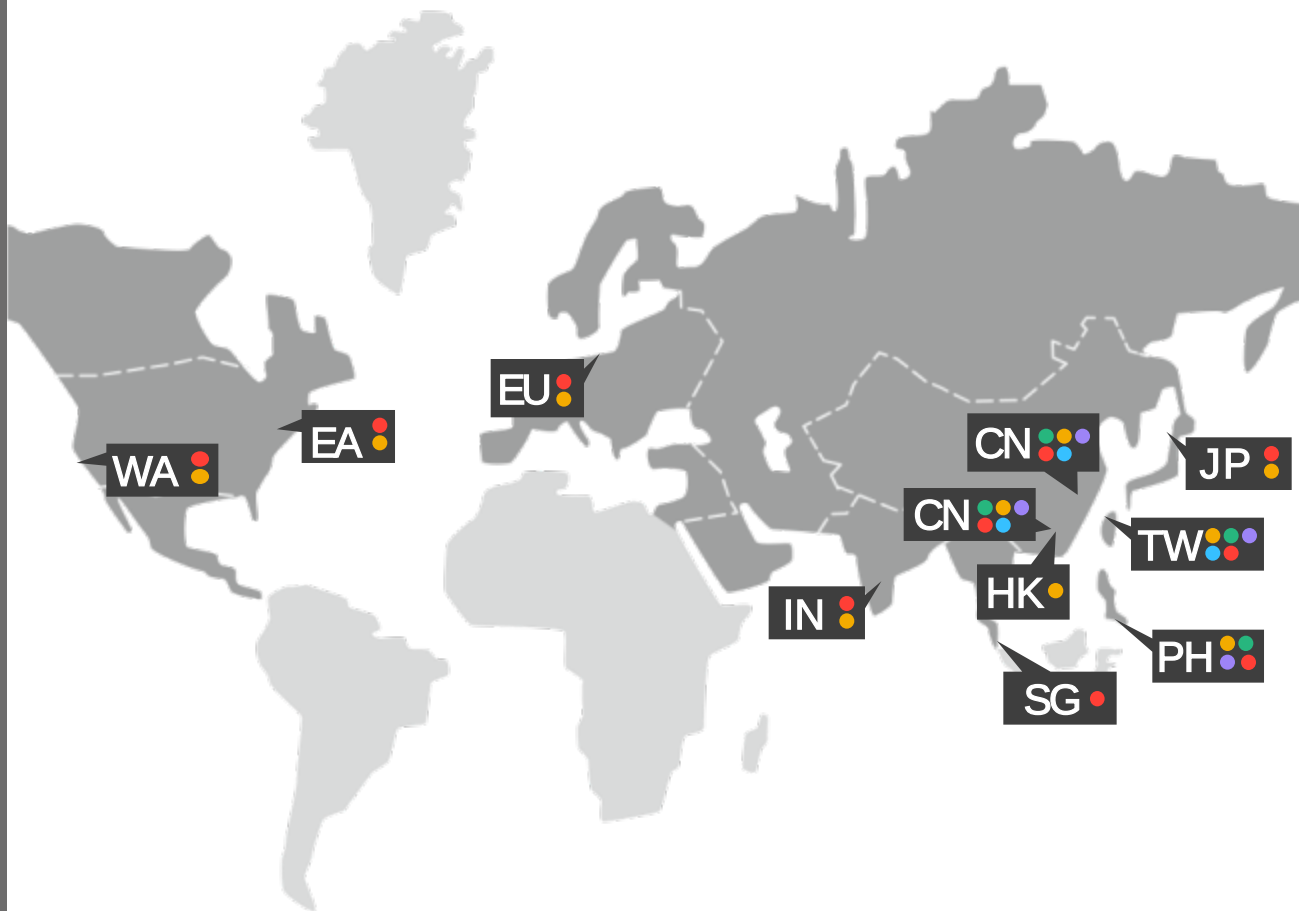


Lighting



GLOBAL LOCATIONS

- Sales / Support
- Manufacturing
- Research
- Engineering
- Logistics





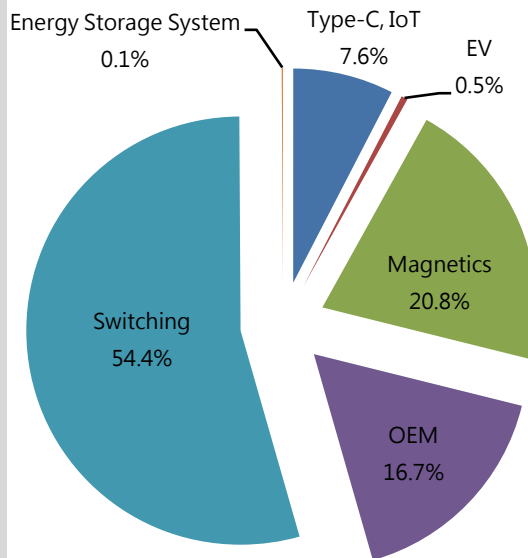
Sales Revenue

2022 Q1-Q3

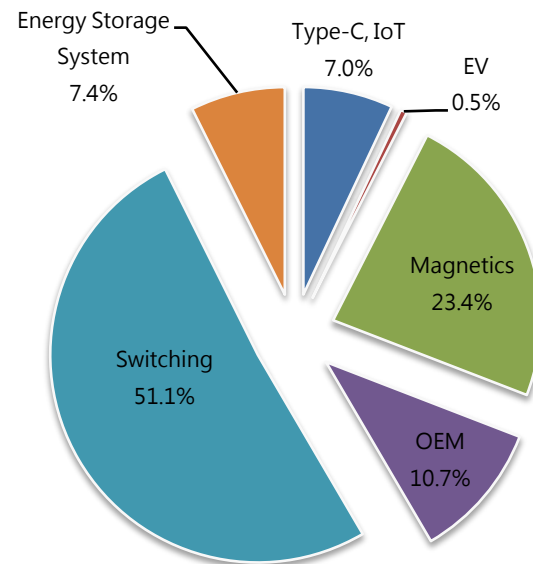
Total USD119M⁺

By Product Lines

2021



2022



■ Type-C, IoT ■ EV ■ Magnetics ■ OEM ■ Switching ■ Energy Storage System

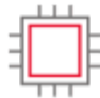


LEADING INNOVATION

Research & Development

150⁺

Engineering Experts



EE Design



Design
Verification



Mechanical



Prototyping



Research



PCB Layout



Component



Software



CORE STRENGTH

Manufacturing Sites

1.6 | WE ARE LEADER



SOUTHERN CHINA

Guandong Dongguan Leader

Founded	1992	2000
Land / m ²	20,000 (218,000 ft ²)	20,000 (218,000 ft ²)
Certificate	IATF16949/TL9000/ISO9001/ISO14001/ISO14064/ISO45001	

EASTERN CHINA

Jiansu Dantu Leader

Founded	1998	2010
Land / m ²	54,000 (582,000 ft ²)	28,000 (300,000 ft ²)
Certificate	IATF16949/TL9000/ISO9001/ISO14001/ISO14064/ISO45001	

PHILIPPINES

Cavity City

Founded	2012	2021
Land / m ²	24,000 (259,000 ft ²)	7,399 (79,601 ft ²)
Certificate	ISO9001, ISO14001	

INDIA

Chennai City

Founded	2019	
Land / m ²	3,600 (38,850 ft ²)	

TAIWAN

New Taipei City

Founded	2021	2022
Land / m ²	1,102 (11,800 ft ²)	825 (8,880 ft ²)
Certificate	ISO9001	



Production Capacity

8hrs a day
26 Working Days

Capacity Max.*	Southern CN	Eastern CN	PH	TW
Switching	9.3KK	340K	1.2KK	-
EV Parts	-	1K	-	3K
Magnetics	1.8KK	-	1.8KK	-
OEM	1.5KK	23K	15K	25K
Cables	1.5KK	-	1.3KK	-
Motor	-	-	-	18K



SWITCHING



Magnetics



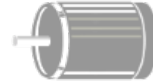
Switching



EV Charging



Energy Storage
System



Motor



Lighting



OEM



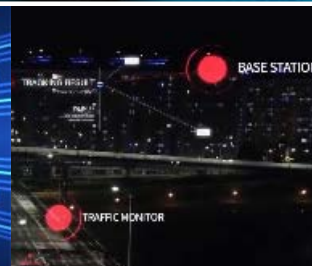
SWITCHING



Networking / 5G / PoE /
Industrial Control
Smart Home / IoT
Telephone & Radio
Consumer Electronics
Adapter

Networking Power

Standard and customized services for networking,
computing, office equipment...





SWITCHING



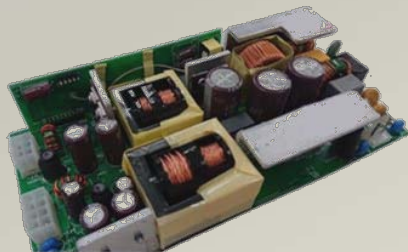
USB Wall Power Module



Smart Device



Networking



PoE



Type-C
Consumer Electronics



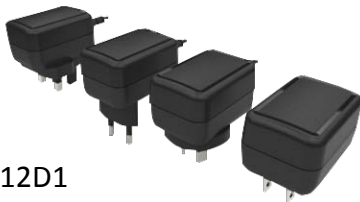


SWITCHING

- Standard 5W - 60W
- EPS1
- EPS6



MU08P



MU12D1



MU24D1



MU36D1



MU18D1
MU18B9



EPS1



EPS6



USB Type-C

- Standard 20W - 130W
- Single port, multi-ports, or GaN solutions
- USB Open frame module



65W PD Charger



45W / 65W PD Charger



Multi-Ports PD Charger
25W / 130 W



Customizable USB open
frame module



PoE

open frame module

- Highly reliable power supply designed for network communication applications
- High energy efficiency



PoE Application

- High Power: PoE Switch, PoE Injector Hub, PoE Extender



MAGNETICS

50+ Years of Experience
in Strategic Innovation
and Power Product
Development.



Magnetics



Switching



EV Charging



Energy Storage
System



Motor



Lighting



OEM



Magnetics

Industrial Transformer &
Inductor



Mission Critical Power UPS



VFF/ASD Motor Drive



E-Vehicle Charging Micro Grid



Green Power Energy Storage

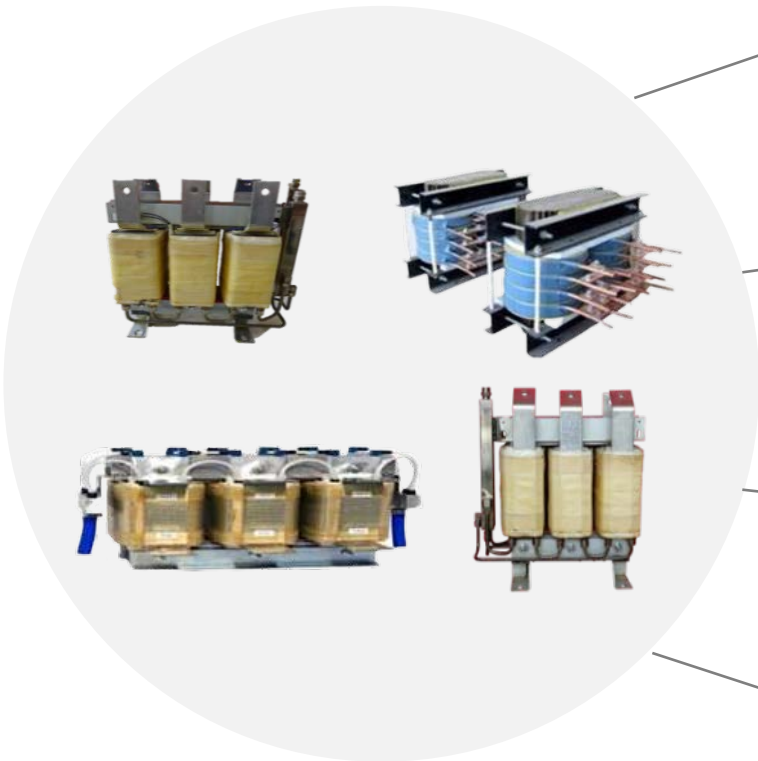


Magnetics

Water Cooling Transformer & Inductor

- ✓ Low in Power Consumption, Small in Size and Light in Weight
- ✓ Suitable for a Room that is Small, Bad in Heat Dissipation, High in Temp. & Altitude
- ✓ High Efficiency, Low Temp.
- ✓ Reliable in Working

2.22 | PRODUCTS WE OFFER



*Medium Frequency Induction
Heating Power System*



*High power Welding
Spot Welding Machine*



*Inverter & Converter in
Hi-Power/Energy Saving*



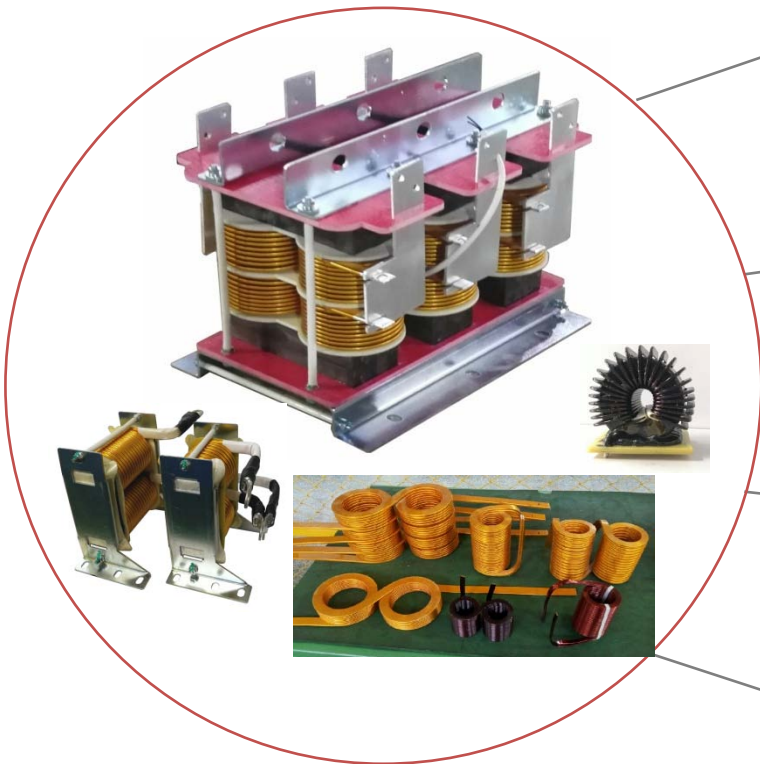
Electric Power Traction



Magnetics

Edge Winding Inductors

- ✓ Reduce proximity loss of high frequency
- ✓ Reduce cost of insulation
- ✓ Improve ventilation and thermal performance
- ✓ Reduce parasitical capacitance



PCS , UPS, Energy Storage



Motor Drive system



Power converter



EV charger



Magnetics

Power Cabinet

- ✓ Customized design for Power transmission, PFC , Reactor back, Resistor bank, Capacitor bank, Battery bank or complex function
- ✓ Domestic or Overseas safety regulation, like UL,CCC, IEC std.



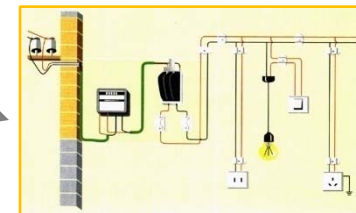
Power quality management



Green Power Energy Storage



Industrial Equipment



Indoor power system



EV Charging

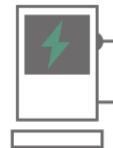
Power Up to Kilos Watt
with a High Degree
of Customizability.
Comply with Global and
Safety Regulations



Magnetics



Switching



EV Charging



Energy Storage
System



Motor



Lighting



OEM



Charging Eco-System

Energy Storage Solution

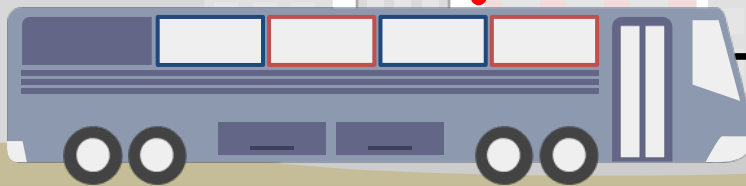


Outdoor

- AC Charging
- DC Fast Charging



Charging
Station



On Board Charging Set

- On-Board Charger
- DC/DC Converter
- Combo



Portable Charger





EV Charging

30KW DC Quick Charging (380Vac 3-Phase)

62 × 24 × 58

W×D×H (cm)



7KW, AC Charging



Wall-mount / Stand (optional)

28 × 35 × 15

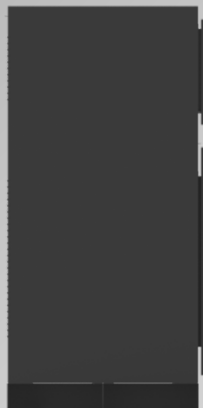
W×D×H (cm)

120KW DC Quick Charging (380Vac 3-Phase)

Cabinet (120KW)

110× 90× 190

W×D×H (cm)



Terminal

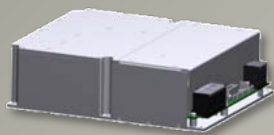
50 × 25 × 165

W×D×H (cm)

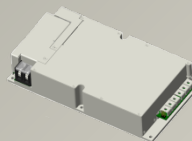


Light EV Charging

IATF16949 Certificate



6.6KW OBC



2.5KW DC Converter



9KW OBC Combo



1.2-1.5KW E-bike OBC



1 KW DC-AC Inverter



600W/ 800W Portable Charger



Energy Storage System



Magnetics



Switching



EV Charging



Energy Storage System



Motor



Lighting

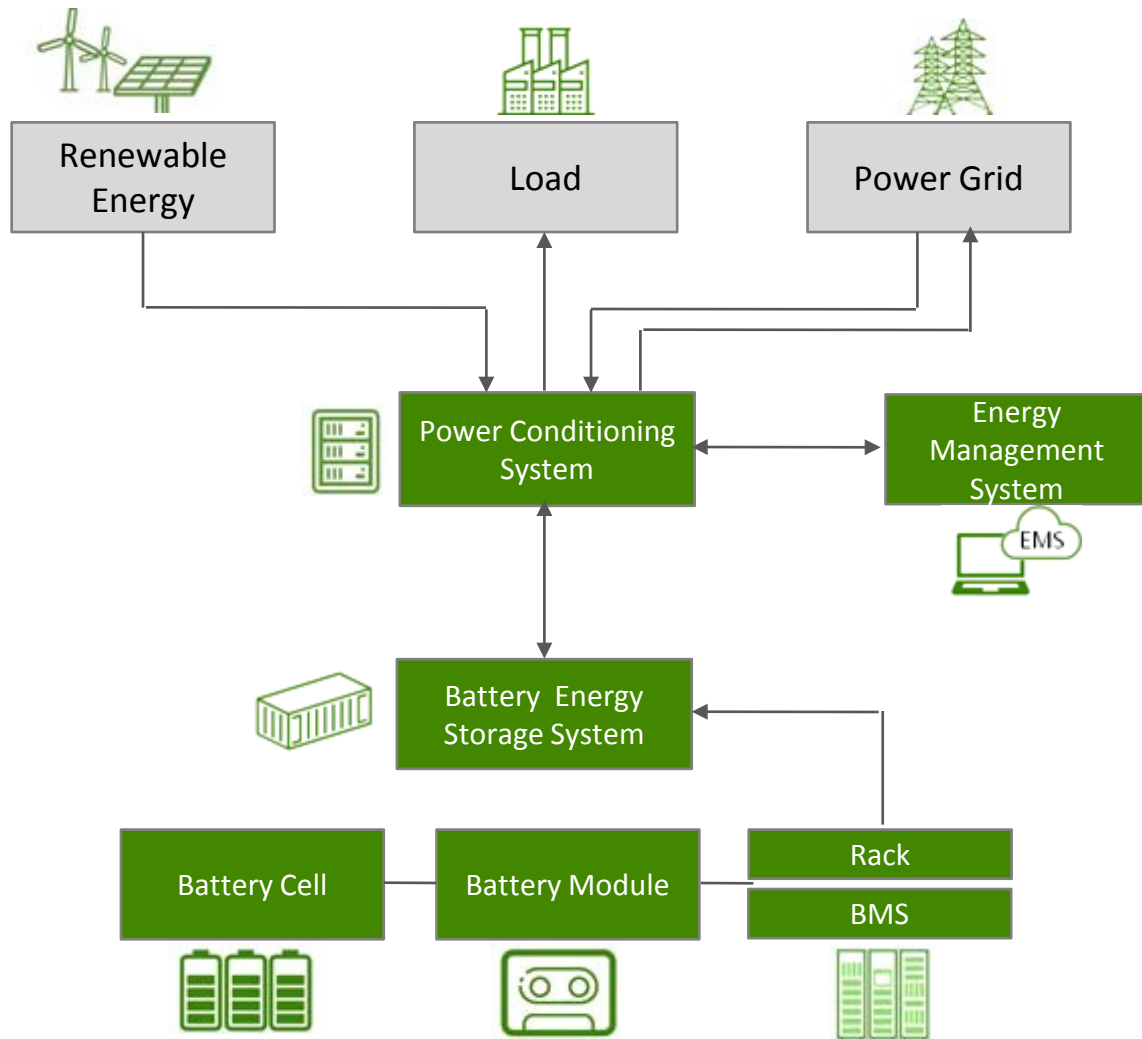


OEM



Applications

System Integration Solutions





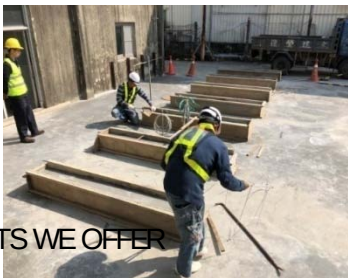
Applications

DaYa Case ESS: 600KW



High Volt. DC 750V, 4 types of LIB Modules

Product				
Cell Type	Prismatic	Prismatic	Polymer	Cylindrical
Chemistry	LFP	NCM	NCM	NCM
Welding	Fiber Laser	Fiber Laser	Fiber Laser	Spot
Assembly	8S1P	7S1P	14S2P	14S42P
	12S(8S1P)*2P	12S(7S1p)*2P	12S(14S2P)*2	12S(14S45P)*2
Cell Quantity	768	672	672	15120
Energy (Wh)	650V/150kWH	650V/150Kwh	650V/120KWh	650V/150KWh
Cycle Life	4000	2500	1000	500





Xindian Baoxing ESS

- Regulation Reserve: dReg 0.25
- Site capacity: 2MW
- EPC + O&M





Motor

BLDC
Design & Manufacturing



Magnetics



Switching



EV Charging



Energy Storage
System



Motor



Lighting



OEM



Motor

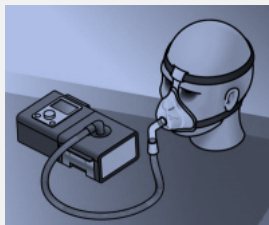
Products (1)



Specialized in Customized Production

2.51 | PRODUCTS WE OFFER

◆ CPAP Device BLDC Blower



◆ Cough Machine BLDC Blower



◆ Air Mattress BLDC Blower



◆ Sprayer BLDC Blower



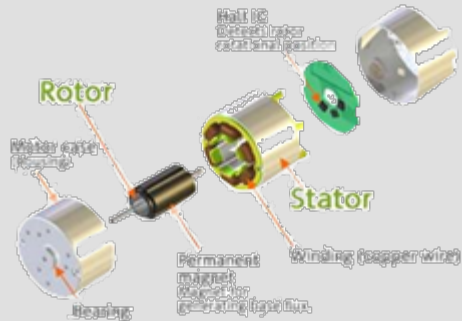
◆ Fuel Cell system BLDC Blower





Motor

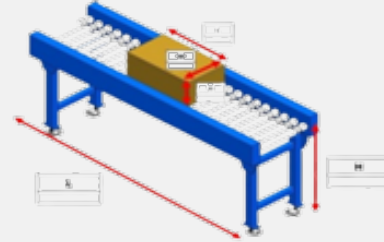
Products (2)



◆ **Pump**
BLDC Motor



◆ **Power Roller**
BLDC Motor



◆ **Linear Actuator**



◆ **Electric Valve**
BLDC Motor



◆ **Massage Roller**
BLDC Motor



◆ **Future**
Tonal: The Ultimate Strength
Training Machine





OEM



Magnetics



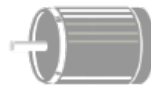
Switching



EV Charging



Energy Storage
System



Motor



Lighting



OEM



OEM Home AIoT

Images' IP Rights of Finished
Goods Displayed Belong to LEI's Clients



Smart
Cooking Pot



Ventilator



Instant Kettle



Watching Machine
Power Control Board



Water Purifier



Electrical Kettle



Laptop



Tablet



WiFi Router



Lifting Table for
Smart Lighting



Smart
Wall Socket

Smart Power Strip



Overload Protector
Switch Indicator

Grade 2 Gate Protector
Int'l Inlet Grade 3
Gate Protector

USB 5V/2.1A
3USB 5V/3.1A



Wi-Fi Infrared
Remote Controlled Plug



Mobile Lightbox
Plant Grower

Smart Power

Charging Control

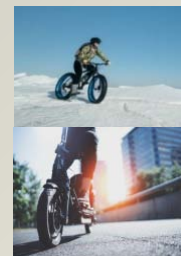


Battery Detection Board



E-scooter Power
Controlled Board

Leisure, Sports & Health Care



Shoulders & Neck / Eyes/
Head Massager

Smart Home

Smart Kitchenware



OEM

Solutions & Applications (1)



◆ Infrared and proximity sensing

Technical Introduction: Infrared and radio technology can be used to sense the proximity of the human body.

Application: Induction Tap, Hand Washer, Smart Toilet, Lighting, Appliances, etc.



◆ Battery management

Technology Introduction: Effectively manages battery voltage, current, temperature and other data to ensure that the battery string works in a safe condition.

Application: Emergency portable power supply, wireless vacuum cleaner, power tools, outdoor energy storage.



◆ Temperature control

Technology introduction: Temperature precision control can be realized by stable and reliable closed-loop control algorithm.

Application: Electric cup, water heater, electric blanket, saucepan.



◆ Motor control

Technology introduction: Through PWM control to achieve all kinds of motor control.

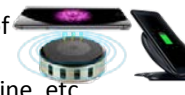
Application: Water applicator, vacuum fresher, massager, electric toothbrush, beauty products.



◆ Wireless charging

Technology Introduction: Intelligent device charging and application of IPX7 waterproof products through wireless charging technology.

Application: electric toothbrush, electric bath brush, fruit and vegetable washing machine, etc.





OEM

Solutions & Applications (2)



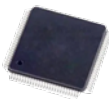
◆ TDS water quality testing

Technology Introduction: Detection of TDS content by software algorithm.
Application: Water quality testing method, water feeder, water purification equipment.



◆ Water level detection

Technology Introduction: Infrared and HALL are used to detect the induced water level.
Application: Applied to boiling water machine (i.e. hot water bar) .



◆ MCU application control

Technology Introduction: Skilled in IO port control, ADC sampling, timer principle and PWM algorithm.
Application: all kinds of small home appliances, massage products, beauty products, etc.



◆ Internet of Things Connection

Technical introduction: Familiar with the Mi and Alibaba IoT docking agreements.
Application: Various Internet of Things products.



◆ Ozone generator

Technology Introduction: Using high voltage discharge method to produce ozone.
Application: Fruit and vegetable cleaning, disinfection, deodorant products, etc.





Financial Summary





Financial Summary

2022 Q1-Q3
Income Statement

Unit: Thousand NTD

	2022		2021		2022		2021	
	July – Sep.	%	July – Sep.	%	Jan.-Sep.	%	Jan.-Sep.	%
Operating Income	1,202,493	100%	1,305,151	100%	3,439,227	100%	3,507,322	100%
Operating Costs	1,044,182	87%	1,195,682	92%	3,099,915	90%	3,244,059	92%
Gross Profit	158,311	13%	109,469	8%	339,312	10%	263,263	8%
Operating Expenses	151,913	13%	167,493	13%	447,754	13%	491,920	14%
Net Operating Loss	6,398	1%	(58,024)	-4%	(108,442)	-3%	(228,657)	-7%
Net Non-operating Income	(16,577)	-1%	(12,659)	-1%	(58,817)	-2%	(12,893)	0%
Loss before Income Tax	(10,179)	-1%	(70,683)	-5%	(167,259)	-5%	(241,550)	-7%
Income Tax Expense	918	0%	(16,608)	-1%	5,430	0%	1,387	0%
Net Loss	(11,097)	-1%	(54,075)	-4%	(172,689)	-5%	(242,937)	-7%
Net Loss Attributable to the Owners of the Parent	(11,038)	-1%	(53,555)	-4%	(172,457)	-5%	(241,245)	-7%
Basic Earnings Per Share	(0.07)		(0.34)		(1.10)		(1.54)	



Financial Summary

2022 Q3
Balance Sheet

Unit: Thousand NTD

3.3 | FINANCIAL SUMMARY

Assets

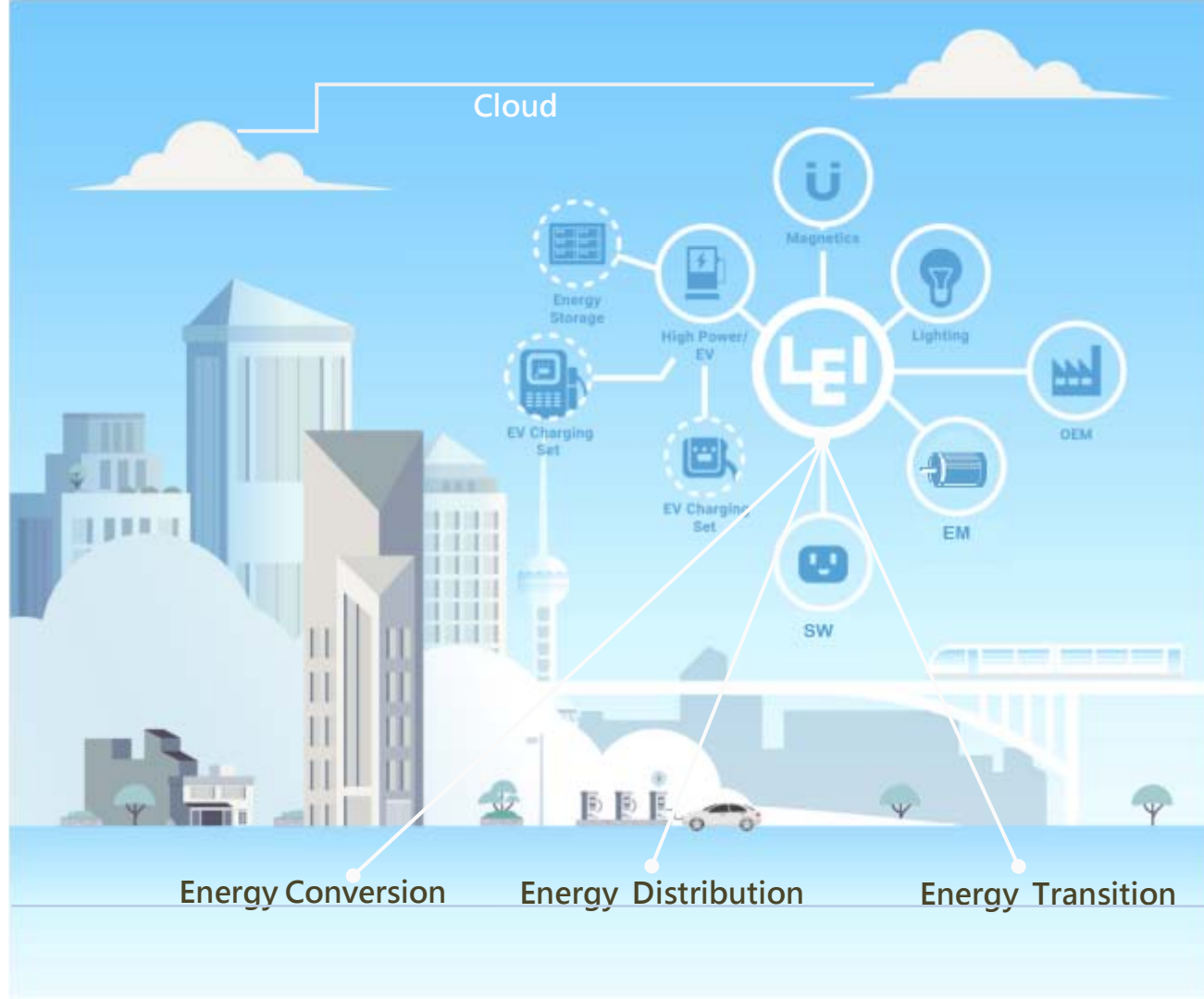
	2022/09/30	%	2021/12/31	%	2021/09/30	%
Cash and cash equivalents	541,762	12%	640,502	12%	362,420	7%
Accounts receivables	1,174,170	25%	1,292,944	25%	1,424,231	28%
Inventories	907,959	19%	1,149,374	22%	1,226,476	24%
Other current assets	138,995	3%	166,945	3%	170,013	3%
Total Current Assets	2,762,886	59%	3,249,765	62%	3,183,140	62%
Property, plant and equipment, net	1,464,578	31%	1,443,553	28%	1,436,546	28%
Right-of-use assets	150,582	3%	160,011	3%	166,304	3%
Investment property, net	100,699	2%	97,810	2%	98,391	2%
Other noncurrent assets	207,315	4%	286,383	5%	278,579	5%
Total Noncurrent Assets	1,923,174	41%	1,987,757	38%	1,979,820	38%
Total Assets	4,686,060	100%	5,237,522	100%	5,162,960	100%

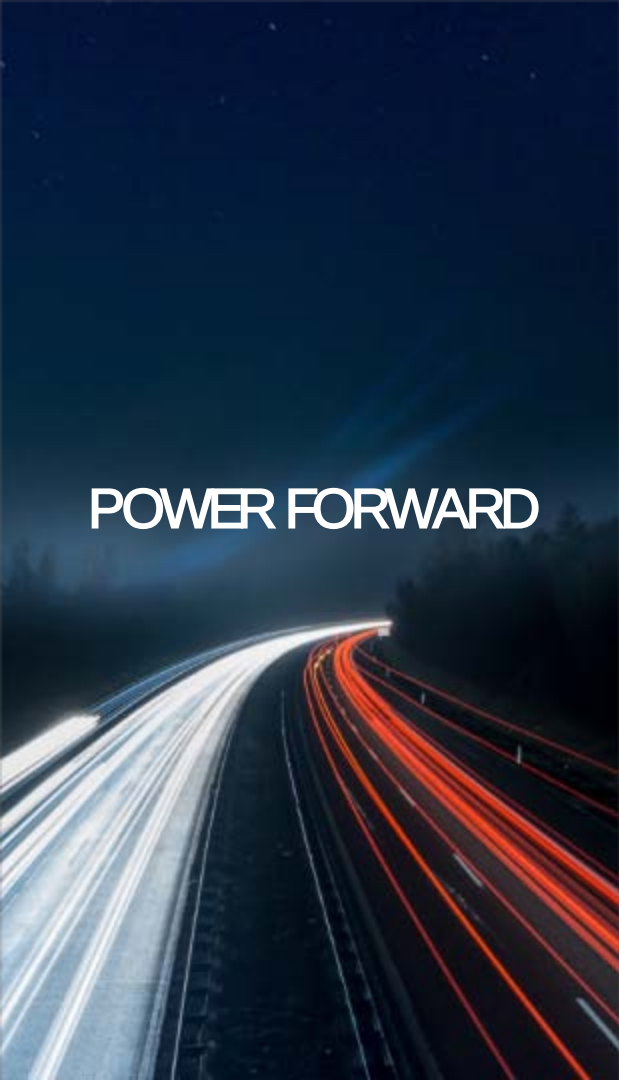
Liability & Shareholders Benefits

	2022/09/30	%	2021/12/31	%	2021/09/30	%
Short-term borrowings	1,352,217	29%	1,251,664	24%	1,290,177	25%
Accounts payable	1,040,585	22%	1,509,324	29%	1,359,221	26%
Other current liabilities	594,917	13%	678,490	13%	539,419	10%
Total current Liabilities	2,987,719	64%	3,439,478	66%	3,188,817	62%
Long-term borrowings	109,507	2%	156,447	3%	140,806	3%
Non-current lease liabilities	130,572	3%	139,690	3%	144,840	3%
Other noncurrent liabilities	2,550	0%	2,665	0%	119,708	2%
Total noncurrent liabilities	242,629	5%	298,802	6%	405,354	8%
Total Liabilities	3,230,348	69%	3,738,280	71%	3,594,171	70%
Total Equity of Shareholders	1,455,712	31%	1,499,242	29%	1,568,789	30%
Total Liabilities and Equity of Shareholders	4,686,060	100%	5,237,522	100%	5,162,960	100%



POWER THE FUTURE





POWER FORWARD



THANK YOU
FOR TAKING THE TIME.