

# IZUMI LI-ION TOOLS

**IZUMI**  
IZUMI PRODUCTS COMPANY

## LIC-XXXSERIES



**LIC-5431**



**LIC-5510**



**LIC-S524**



**LIC-S540**



**LIC-585YC**



**LIC-551F**



**LIC-5200MX**



**LIC-558U**

## LIC-SERIES FEATURES

- ◆ *New Li-ion battery features No memory effect and lighter weight.*
- ◆ *New slide in battery gives a secure connection with the tool yet quick and easy removal.*

## **BP-14LN** *Lithium-ion Battery*



### SPECIFICATION

Output voltage: 14.4VDC      Capacity: 3.0Ah  
Motor: 14.4VDC      Type: Lithium-ion  
Charge time: with CH-25LNW  
25min. (80% capacity), 40min. (100% capacity)

### DIMENSIONS

107(L) X 64.5(H) X 84(W) mm

### WEIGHT

550g

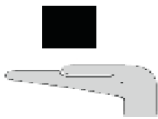
## **FEATURES**



ECO Idea

### **Environmentally friendly**

\*\*\*Contains no hazardous substances\*\*\*



Light weight battery pack

### **Lighter weight**

\*\*\*65% of BP-70EI Ni-Cad battery \*\*\*



No Refresh

### **No memory effect**

\*\*\* It can be charged at any time \*\*\*



Long time storage

### **Low self discharge rate**

\*\*\*self discharge rate 5% per month \*\*\*

\*nickel metal hydride battery-over 20% per month\*



Slide type

### **New slide in battery connection**

\*\*\*give a secure connection with the tool yet quick and easy removal\*\*\*

## **CH-25LNW** Multi-voltage Battery Charger



### SPECIFICATION

Input Voltage: 100-240V AC (50/60HZ)

145VA (100V) – 148VA (240)

### DIMENSIONS

230(L) X 76(H) X 145(W) mm

### WEIGHT

1.6kg

## **FEATURES**

- Multi voltage charger (100V–240V) for Lithium-ion battery BP-14LN.
- CH-25LNW is an EMC approved charger in accordance with related directive.

## **REMARKS**

Stand by-Red lamp	● blinks
80% completion-Green lamp	● blinks
Completion-Orange lamp	● blinks
Auxiliary charging-Green lamp	● blinks
High or low temperature-Red lamp	● light
Impossible to charge-Red lamp	● blinks

- Charges BP-14LN only
- Cannot charge BP-70R, BP-70I, BP-70E, BP-70EI and BP-70MH

## **CHARGE TIME FOR BP-14LN**

- 25min. (80% capacity)
- 40min. (100% capacity)

## LIC-5431 Battery Operated Compression Tool



### SPECIFICATIONS

Jaw opening: 31mm      Output force: 106kN

Motor: 14.4VDC

### DIMENSIONS

392(L) X 315(H) X 84(W) mm

### WEIGHT

6.1kg(less battery)

### ACCESSORIES INCLUDED

Carrying case, Shoulder strap

### FEATURES

The LIC-5431 is a 12 ton class compression tool powered by **eco-friendly Li-Ion battery**. This tool accommodates 12 ton U-type dies for applying compression fitting to copper aluminum and ACSR conductors widely used in the industry.

### Compression range

Tubular Lugs or connectors	Conductor size
Copper Lugs DIN46235	10 -400 mm <sup>2</sup>
Aluminum Lugs DIN46235	16 – 300 mm <sup>2</sup>

### Number of Compression

400mm <sup>2</sup> Copper Lugs or connectors	60 crimps
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## LIC-5510 Battery Operated Compression Tool



### SPECIFICATIONS

Jaw opening: 42mm      Output force: 106kN

Motor: 14.4VDC

### DIMENSIONS

419(L) X 320(H) X 84(W) mm

### WEIGHT

7.1kg(less battery)

### ACCESSORIES INCLUDED

Carrying case, Shoulder strap

### FEATURES

The LIC-5510 is a 12 ton class compression tool powered by **eco-friendly Li-Ion battery**. This tool accommodates 12 ton U-type dies for applying compression fitting to copper aluminum and ACSR conductors widely used in the industry.

### Compression range

Tubular Lugs or connectors	Conductor size
Copper Lugs DIN46235	10 - 400mm <sup>2</sup>
Aluminum Lugs DIN46235	16 – 300mm <sup>2</sup>

### Number of Compression

400mm <sup>2</sup> Copper Lugs or connectors	60 crimps
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## LIC-S524 Battery Operated Cable Cutter



### SPECIFICATIONS

Cutter opening: 24mm Output force: 84kN

Motor: 14.4VDC

### DIMENSIONS

315(L) X 304(H) X 84(W) mm

### WEIGHT

4.4kg(less battery)

### ACCESSORIES INCLUDED

Carrying case, Shoulder strap

### FEATURES

- The LIC-S524 is a cable cutter powered by **eco-friendly Li-Ion battery**.
- It can cut Cu and Al cables and ACSR cables up to 24mm.

### Cutting capacity and Number of cuts

Cutting Material	Cutting Capacity	Number of cuts
Cu strands	24 mm OD	120
Al strands	24 mm OD	150
ACSR	24 mm OD	140
Soft steel bar	20 mm OD	90
Wire rope 6 x 19	24 mm OD	65

## LIC-S540 Battery Operated Cable Cutter



### SPECIFICATIONS

Cutter opening: 40mm Output force: 68kN

Motor: 14.4VDC

### DIMENSIONS

441(L) X 325(H) X 85(W) mm

### WEIGHT

6.1kg(less battery)

### ACCESSORIES INCLUDED

Carrying case, Shoulder strap

### FEATURES

- The LIC-S540 is a cable cutter powered by **eco-friendly Li-Ion battery**.
- It can cut Cu and Al cables up to 40mm and ACSR cable up to 38mm.

### Cutting capacity and Number of cuts

Cutting Material	Cutting Capacity	Number of cuts
Cu strands	40 mm OD	42
Al strands	40 mm OD	52
ACSR	38 mm OD	45
Soft steel bar	20 mm OD	60
Wire rope 6 x 19	22 mm OD	45

## **LIC-585YC Battery Operated Cable Cutter**



### **SPECIFICATIONS**

Output force: 80kN Motor: 14.4VDC

Reservoir capacity: 135cc

### **DIMENSIONS**

517(L) X 325(H) X 86(W) mm

### **WEIGHT**

6.4kg(less battery)

### **ACCESSORIES INCLUDED**

Steel carrying case, Shoulder strap, Assist Grip

### **FEATURES**

- The LIC-585YC is a scissors type cable cutter powered by **eco-friendly Li-Ion battery**.
- It can cut Cu and Al cables up to 60mm and CCP Telephone cables up to 85mm.

### **CUTTING CAPACITY AND NUMBER OF CUTS**

Cutting Material		Cutting Capacity	Number of cuts
Polyethylene cable	600V-CV325mm3 3 core	60 mm OD	22
Polyethylene cable	600V-CV150mm2 3 core	46 mm OD	60
Polyethylene cable	600V-CV500mm2	38 mm OD	45
Multi-core Vinyl Insulation Cable	VVR 150mm2 3 core	47 mm OD	60
Telephone Cable	CCP Cable	85 mm OD	45

## **LIC-551F Battery Operated Compression Tool**



### **SPECIFICATIONS**

Jaw opening: 15mm

Output force: 52kN

Motor: 14.4VDC

### **DIMENSIONS**

322(L) X 294(H) X 84(W) mm

### **WEIGHT**

3.2kg(less battery)

### **ACCESSORIES INCLUDED**

Carrying case, Shoulder strap

### **FEATURES**

The LIC-551F is a compression tool powered by **eco-friendly Li-Ion battery**. This tool accepts BEKU type dies widely used in European countries, applying compression fitting to copper aluminum and ACSR conductors widely used in the industry.

### **Compression Range**

Tubular Lugs or connectors	Conductor size
Copper Lugs DIN46235	10 – 120mm <sup>2</sup>
Aluminum Lugs DIN46235	16 – 95mm <sup>2</sup>
Cu terminals commonly used in South Asia	10 – 150mm <sup>2</sup>

### **Number of Compression**

150mm <sup>2</sup> Copper Lugs or connectors	65 crimps
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## **LIC-5200MX** Battery Operated Hydraulic Tool



### SPECIFICATIONS

Output force: 127kN     Motor:14.4VDC

Reservoir capacity: 100cc

### DIMENSIONS

356(L) X 306(H) X 84(W) mm

### WEIGHT

5.1kg(less battery)

### ACCESSORIES INCLUDED

Steel carrying case, Shoulder strap

### FEATURES

- The LIC-5200MX is a multipurpose tool powered by **eco-friendly Li-Ion battery**. This tool is suitable for various types of crimping, cutting, punching operation.
- Available attachments are 8 kinds and the LIC-5200MX comes standard with rotary type crimping head, 200mm<sup>2</sup> Yoke-nest die and indent die suitable for up to 200mm<sup>2</sup> crimping terminals.
- Attachments are mounted on the tool head by inserting two lock pins located at the cylinder head for easy changeover.

### Optional Attachment

- ◆ 200AT-50YC Cable Cutter
- ◆ 200AT-9PD Knock out Puncher
- ◆ 200AT-AP18 Angle Steel Puncher
- ◆ 200AT-S16 Re-bar Cutter
- ◆ 200AT-13WT Threaded bar Cutter
- ◆ 200AT-DCM Raceway cutter (150AT-DCM+200AD-DCM)
- ◆ 200AT-15B Dies for C-Connector and Yoke
- ◆ 200AT-Hex. Hexagonal Compression Dies and Yoke

## **LIC-558U** Battery Operated Hydraulic Tool



### SPECIFICATIONS

Output force: 54kN     Motor:14.4VDC

Reservoir capacity: 100cc

### DIMENSIONS

332(L) X 295(H) X 84(W) mm

### WEIGHT

3.4kg(less battery)

### ACCESSORIES INCLUDED

Carrying case, Shoulder strap

### FEATURES

- The LIC-558U is a compression tool powered by **eco-friendly Li-Ion battery**. This tool accepts Bundy W type dies and Kearney / Blackburn O type dies
- It squeezes commonly used service entrance connectors, lugs, sleeves, H and C taps.
- The 25CAT cutter attachment can slice nonferrous cables up to 25mm.

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### **LIC-Series Caution**

BP-14LNW New Li-Ion Battery and CH-25LNW charger can be only used with all LIC-series.

Other IZUMI Nickel cadmium and Nickel Metal-Hydride battery (BP-70E, BP-70EI or BP-70MH) cannot be used with all LIC-series.

### **LIC-Series Remarks**

- Rapid ram advance mechanism(except LIC-551F and LIC-558U)
- Quality backed by ISO9001
- Well balanced body design
- 14.4VDC powerful motor
- Right or Left handed operation



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