

From Everyday Rides to Heavy-Duty Loads

Likraft Delivers Power That Endures Across
Mobility, Solar, Industrial & More



UPCOMING PROJECTS & CERTIFICATION

At Likraft, innovation never stops. Our upcoming venture into **Sodium-ion battery technology** marks a significant step toward sustainable and accessible energy solutions. Designed as a powerful alternative to traditional lithium batteries, our sodium batteries offer **greater environmental compatibility, cost efficiency, and thermal stability**—making them ideal for large-scale energy storage, electric mobility, and renewable integration. With an advanced **Smart BMS**, superior **cycle life**, and operation in **extreme temperatures**, these batteries are engineered to perform reliably in diverse applications. Likraft's Sodium Battery Project reflects our ongoing commitment to building a **greener, safer, and energy-independent future** for all.

CERTIFICATION & AWARDS





INDIA'S LEADING LITHIUM BATTERY

“**Likraft Batteries** power your journey with reliable technology and clean energy. Choose our **eco-friendly solutions** or today's needs and tomorrow's possibilities. Together, let's move towards a **cleaner, smarter and more sustainable world**.”

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Endless Power – More Cycles, Less Discharge, Longer Energy

Endless Power – More Cycles, Less Discharge, Maximum Endurance Unlock unstoppable performance with Likraft Batteries—designed for longer charge cycles and minimal discharge, keeping you powered up for longer journeys and extended use.

About Us

LIKRAFT BATTERIES PRIVATE LIMITED, was founded in 2019 with a mission to advance Green Energy solutions. Based in Delhi NCR, India, Likraft specialises in the manufacturing of high-performance Lithium-Ion Batteries, incorporating cutting-edge LMFP, NMC and LFP chemistries. With a production capacity exceeding 15,000 batteries per month, the company is at the forefront of providing energy storage solutions for electric mobility, solar energy, and Energy Storage Systems (ESS). Likraft offers customised, reliable, and efficient energy storage solutions to OEMs and system integrators, enabling them to meet the dynamic energy demands of the modern world.



Best

India's Best Lithium Battery Manufacturer



6 Years +

Experience in Battery Industry



30 +

AIS156 (Phase 2) approved batteries



30,000+ sq. ft.

Factory Area



1.2 GWH

Annual Production Capacity



Our Vision

To lead innovation in lithium-ion battery solutions and power a sustainable future with excellence and growth.



Our Mission

To drive India's sustainable energy revolution with innovative, safe, and high-performance lithium-ion battery solutions.



Core Value

- Innovation
- Quality
- Customer Centric
- Employee Wellbeing
- Sustainability
- Community Engagement



Our Team

Led by a team of accomplished professionals, our 300-member workforce is driven by the vision of creating a greener tomorrow.

Message From MD & Founder



"At Likraft, we believe that energy is not just a necessity – it's the foundation of progress. From day one, my focus has been on creating battery solutions that are not only reliable but transformative. Our commitment to quality and innovation ensures that every product we deliver stands as a symbol of trust. The world is shifting towards cleaner, smarter energy – and at Likraft, we're proud to lead that charge."

Mr. Kapil Arora

Managing Director & Founder, Likraft Batteries

"When we founded Likraft, the goal was simple: to build a company that prioritises performance without compromise. As someone passionate about operational excellence, I've always believed that great technology must be exceptional after-sales service. Our just-in-time manufacturing approach, customer-centric service, and scalable solutions reflect this belief. We're building trust, not just building batteries; we're powering possibilities."

Mr. Vikram Bathla

Managing Director & Co-Founder, Likraft Batteries



"For me, Likraft is more than a company – it's a vision realized. A vision where energy becomes accessible, intelligent, and sustainable. As we grow, my focus remains on future-forward innovation and strategic partnerships that help us expand into newer sectors and touch more lives. I'm excited for what lies ahead, and deeply grateful to our team, customers, and partners who walk this journey with us."

Mr. Sumit Arora

Managing Director & Co - Founder, Likraft Batteries



ESS

96V Series

121V Series

240V Series



Inverter Battery

12V Series

25V Series

48V Series

51V Series

121V Series



Telecom Battery

48V Series



Solar Battery

12V Series



Loader & 3 wheeler

51V Series

64V Series



2 Wheeler

48V Series

60V Series

72V Series

36V Series



ENERGY STORAGE SYSTEMS

96V, 121V, 240V BATTERY SERIES



SMART RESIDENTIAL ENERGY STORAGE SYSTEM

TYPE
Lithium-ion

CYCLE LIFE
**> 4000 cycles
at 80% DoD**

EFFICIENCY
≥ 95%

COMMUNICATION
CAN, RS485

TEMPERATURE RANGE
-5°C ~ + 60°C°

CERTIFICATIONS
IEC, BIS



SMART MONITORING



ENERGY OPTIMIZATION



ADAPTIVE CONTROL



COMPACT SOLUTION



IMPORTANT ALERTS



SELF PROTECTION

SPECIFICATION

Specification	96V 100Ah	121V 100Ah	240V 100Ah
Nominal Voltage	96V	121.6V	240V
Nominal Capacity	100Ah	100Ah	100Ah
Energy	9600	12.16(kWh)	24000 (24kWh)
Cycle Life @80% DOD	4000	4000	4000
Operating Voltage	138.7V ~ 100V ±1.0V	138.7V ~ 100V ±1.0V	210V~273V ±1.0V
Communication	BT/CAN/RS485	BT/CAN/RS485	RS485/CAN
Charge (A)	0.5C	0.5C	0.5C
Discharge(A)	0.8C	0.8C	0.8C
Operating Temp.	-5°C ~ + 60C	-5°C ~ + 60C	-5°C ~ + 60C
Storage Temp.	0°C ~ + 35C°	0°C ~ + 35C°	0°C ~ + 35C°
Dimension	815x350x190	790x585x250	881x648x1400
Weight	83 Kg ±1 Kg	110 Kg ±0.5 Kg	365 Kg ±1Kg
Protection Rating	IP54	IP54	IP54



INVERTER BATTERIES SYSTEMS



12V/25V/48V/51V/121V BATTERY SERIES



INVERTER BATTERIES

TYPE
Lithium-ion

CYCLE LIFE
> 4000 cycles

EFFICIENCY
≥ 95%

COMMUNICATION
CAN, RS485

TEMPERATURE RANGE
-5°C to 60°C

CERTIFICATIONS
IEC, BIS

Efficient inverter batteries for homes, offices, and industries. Designed for long life, fast charging, and consistent backup power when you need it most.

SPECIFICATION (12V/25V/48V SERIES)

Specification	12V 100Ah WALLMOUNT	12V 100Ah SURFACE	25V 100Ah WALLMOUNT	25V 100Ah SURFACE	48V 100Ah WALLMOUNT
Nominal Voltage	12.8V	12.8V	25.6V	25.6V	48V
Nominal Capacity	100Ah	100Ah	100Ah	100Ah	100Ah
Energy	1.28 (kWh)	1.28 (kWh)	2.56 (kWh)	2.56 (kWh)	4.8 (kWh)
Cycle Life @80%DOD	4000	4000	4000	4000	4000
Operating Voltage	14.6V ~ 9.6V	14.6V ~ 9.6V	29.2V ~ 19V	29.2V ~ 19V	54.75V ~ 39V
Communication	BT	BT	BT	BT	CAN
Charge (A)	0.5C	0.5C	0.5C	0.5C	0.5C
Discharge(A)	0.8C	0.8C	0.8C	0.8C	0.8C
Operating Temp.	-5°C ~ + 60°C°	-5°C ~ + 60°C°	-5°C ~ + 60°C°	-5°C ~ + 60°C°	-5°C ~ + 60°C°
Storage Temp.	0°C ~ + 35°C°	0°C ~ + 35°C°	0°C ~ + 35°C°	0°C ~ + 35°C°	0°C ~ + 35°C°
Dimension	350x120x500	330x120x135	350x120x500	330x220x135	500x160x590
Weight	18Kg ±0.5 Kg	9Kg ±0.5 Kg	26Kg ±0.5 Kg	17Kg ±0.5 Kg	51Kg ±1 Kg
Protection Rating	IP65	IP65	IP65	IP65	IP65

SPECIFICATION (51V/121V SERIES)

Specification	51V 100Ah WALLMOUNT	51V 100Ah SURFACE	51V 300Ah SURFACE	121V 100Ah SURFACE
Nominal Voltage	51.2V	51.2V	51.2V	121.6V
Nominal Capacity	100Ah	100Ah	300Ah	100Ah
Energy	5.12 (kWh)	5.12 (kWh)	15.36 (kWh)	12.16 (kWh)
Cycle Life @80%DOD	4000	4000	4000	4000
Operating Voltage	58.4V ~ 39V	58.4V ~ 39V	58.4V ~ 39V	138.7V ~ 100V
Communication	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN
Charge (A)	0.5C	0.5C	0.5C	0.5C
Discharge(A)	0.8C	0.8C	0.8C	0.8C
Operating Temp.	-5°C ~ + 60°C°	-5°C ~ + 60°C°	-5°C ~ + 60°C°	-5°C ~ + 60°C°
Storage Temp.	0°C ~ + 35°C°	0°C ~ + 35°C°	0°C ~ + 35°C°	0°C ~ + 35°C°
Dimension	500x160x590	516x378x190	632x687x567	790x585x250
Weight	55Kg ±0.5 Kg	50Kg ±0.5 Kg	185Kg ±0.5 Kg	110Kg ±0.5 Kg
Protection Rating	IP65	IP65	IP54	IP54

TELECOM BATTERIES

48V BATTERY SERIES

SMART TELECOM STORAGE SYSTEM



TYPE
Lithium-ion

CYCLE LIFE
**> 4000 cycles
at 80% DoD**

EFFICIENCY
≥ 95%

COMMUNICATION
CAN, RS485

TEMPERATURE RANGE
-5°C to 60°C

CERTIFICATIONS
TAC, IEC, BIS

SPECIFICATION (48V 50/100/600AH)

Specification	48V 50Ah	48V 100Ah	48V 600Ah
Nominal Voltage	48V	48V	48V
Nominal Capacity	50Ah	100Ah	600Ah
Energy	2400	4800	28800
Cycle Life @80%DOD	4000	4000	4000
Operating Voltage	54.75V ~ 44V ±1.0V	54.75V ~ 44V ±1.0V	54.75V ~ 44V ±1.0V
Communication	RS485/CAN	RS485/CAN	RS485/CAN
Charge (A)	0.5C	0.5C	0.5C
Discharge(A)	0.8C	0.8C	0.8C
Operating Temp.	-5°C ~ + 60C°	-5°C ~ + 60C°	-5°C ~ + 60C°
Storage Temp.	0°C ~ + 35C°	0°C ~ + 35C°	0°C ~ + 35C°
Dimension	550x482x135	575x482x135	575x482x135
Weight	29Kg ±0.5 Kg	44Kg ±0.5 Kg	44Kg ±0.5 Kg
Protection Rating	IP54	IP54	IP54

SOLAR BATTERY SERIES

12V BATTERY SERIES



SPECIFICATION (12V 18/30/54AH)

Specification	12V 18Ah	12V 30Ah	12V 54Ah
Nominal Voltage	12.8V	12.8V	12.8V
Nominal Capacity	18Ah	30Ah	54 h
Energy	230	384	691
Cycle Life @80% DOD	1500	1500	1500
Operating Voltage	14.6~10.6 ±0.5V	14.6~10.6 ±0.5V	14.6~10.6 ±0.5V
Communication	NA	NA	NA
Charge (A)	5A	5A	5A
Discharge(A)	10A	10A	10A
Operating Temp.	-5°C ~ + 60C°	-5°C ~ + 60C°	-5°C ~ + 60C°
Storage Temp.	0°C ~ + 35C°	0°C ~ + 35C°	0°C ~ + 35C°
Dimension	140x100x75	140x170x75	140x300x75
Weight	2 Kg ±0.2 Kg	3.2 Kg ±0.2 Kg	5.5 Kg ±0.2 Kg
Protection Rating	IP 65	IP 65	IP 65

LOADER & 3WHEELER BATTERIES (L3 / L5)

51V/64V BATTERY SERIES

TYPE
Lithium-ion

CYCLE LIFE
> 4000 cycles

EFFICIENCY
≥ 95%

COMMUNICATION
CAN, RS485

TEMPERATURE RANGE
-5°C to 60°C

CERTIFICATIONS
IEC, BIS, I CAT

STRONG BATTERIES FOR TOUGH JOBS

High-performance batteries built for **loaders and 3-wheelers**. Engineered for maximum capacity, **long cycle life, and reliable power delivery** — ensuring efficiency, endurance, and uninterrupted operation in demanding environments.



SPECIFICATION (51V SERIES)

Specification	51V 100Ah	51V 150Ah	51V 200Ah
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	150Ah	200Ah
Energy	5.12 (kWh)	7.68 (kWh)	10.24 (kWh)
Cycle Life	4000 @80% DOD	4000 @80% DOD	4000 @80% DOD
Operating Voltage	58.4V ~ 39V $\pm 0.5V$	58.4V ~ 39V $\pm 0.5V$	58.4V ~ 39V $\pm 0.5V$
Communication	RS485/CAN	RS485/CAN	RS485/CAN
Charge (A)	0.5C	0.5C	0.5C
Discharge(A)	0.8C	0.8C	0.8C
Operating Temp.	-5°C ~ + 60°C°	-5°C ~ + 60°C°	-5°C ~ + 60°C°
Storage Temp.	0°C ~ + 35°C°	0°C ~ + 35°C°	0°C ~ + 35°C°
Dimension	516x378x190	435x380x280	510x380x280
Weight	50Kg ± 0.5 Kg	66Kg ± 0.5 Kg	82Kg ± 0.5 Kg
Protection Rating	IP65	IP65	IP65

SPECIFICATION (64V SERIES)

Specification	64V 100Ah	64V 200Ah
Nominal Voltage	64V	64V
Nominal Capacity	100Ah	200Ah
Energy	6.04 (kWh)	12.8 (kWh)
Cycle Life	4000 @80% DOD	4000 @80% DOD
Operating Voltage	73V ~ 53V $\pm 0.5V$	73V ~ 53V $\pm 0.5V$
Communication	RS485/CAN	RS485/CAN
Charge (A)	0.5C	0.5C
Discharge(A)	0.8C	0.8C
Operating Temp.	-5°C ~ + 60°C°	-5°C ~ + 60°C°
Storage Temp.	0°C ~ + 35°C°	0°C ~ + 35°C°
Dimension	606x371x190	606x530x190
Weight	62Kg ± 0.5 Kg	115Kg ± 0.5 Kg
Protection Rating	IP65	IP65

2 WHEELER & CYCLE BATTERIES

48V/64V/72V/36V BATTERY SERIES

TYPE
Lithium-ion

CYCLE LIFE
> 800 cycles

EFFICIENCY
≥ 95%

COMMUNICATION
BT, CAN

TEMPERATURE RANGE
-5°C to 60°C

CERTIFICATIONS
IEC, BIS, ICAT

SMART BATTERIES FOR EVERY JOURNEY

Advanced battery packs designed for two-wheelers and electric cycles. Lightweight, efficient, and long-lasting — providing consistent power, fast charging, and enhanced performance for your daily commute or long rides



SPECIFICATION (48/60/72V 100AH)

Specification	48V Series	60V Series	72V Series
Nominal Voltage	48V	60V	72V
Nominal Capacity	26~35 Ah	26~35 Ah	26~30 Ah
Energy	1.25~1.68 (kWh)	1.56~2.1 (kWh)	1.87~2.16 (kWh)
Cycle Life	800 @80% DOD	800 @80% DOD	800 @80% DOD
Operating Voltage	54.6V ~ 36V $\pm 0.5V$	67.2V ~ 44V $\pm 0.5V$	84V ~ 55V $\pm 0.5V$
Communication	BT/CAN	BT/CAN	BT/CAN
Charge (A)	0.5C	0.5C	0.5C
Discharge(A)	0.8C	0.8C	0.8C
Operating Temp.	-5°C ~ + 60°C°	-5°C ~ + 60°C°	-5°C ~ + 60°C°
Storage Temp.	0°C ~ + 35°C°	0°C ~ + 35°C°	0°C ~ + 35°C°
Dimension	230x185x165	230x185x165	230x185x165
Weight	10Kg~12.5Kg ± 0.5 Kg	11.5Kg~14.5Kg ± 0.5 Kg	14Kg~15Kg ± 0.5 Kg
Protection Rating	IP65	IP65	IP65

SPECIFICATION (36V 08AH)

Specification	36V 08Ah
Nominal Voltage	36V
Nominal Capacity	08 Ah
Energy	280 (Wh)
Cycle Life	800 @80% DOD
Operating Voltage	42 ~ 27V $\pm 0.5V$
Communication	NA
Charge (A)	0.5C
Discharge(A)	0.8C
Operating Temp.	-5°C ~ + 60°C°
Storage Temp.	0°C ~ + 35°C°
Dimension	Hailong Casing
Weight	4 Kg ± 0.5 Kg
Protection Rating	IP65

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MORE INFO

