



THE COMPLETE ENERGY SOURCE

PREMIER MANUFACTURER OF
LITHIUM BATTERY & LEAD ACID BATTERY

ABOUT ECELL BATTERIES

ECELL BATTERIES INTERNATIONAL LIMITED, established in 2006, is a leading industrial manufacturer dedicated to the production of high-performance Lithium Iron Phosphate (LiFePO4) and Valve Regulated Lead-Acid (VRLA) batteries.

Headquartered in Fuzhou, our wholly-owned production facility operates with a registered capital of 30 million RMB and achieves an annual output exceeding 200 million RMB. As one of the largest lithium and lead-acid battery suppliers in South China, we combine financial stability with a vertically integrated production system. From raw material processing to final assembly, we maintain rigorous control over every stage of manufacturing to ensure superior product consistency.

With nearly two decades of expertise, ECELL is a trusted OEM/ODM partner for critical applications, including UPS systems, telecommunications, renewable energy storage, and industrial mobility. We operate under a comprehensive quality management framework, holding ISO 9001, ISO 14001, ISO 45001, UL, RoHS, EN IEC 61000, and CE certifications.

Beyond manufacturing, our experienced logistics team navigates the complexities of global battery exports. We provide full compliance documentation—including UN38.3, MSDS, and DG Packing Certificates—guaranteeing secure and compliant sea transport to markets worldwide.



WHY PARTNER WITH ECELL BATTERIES



Professional Manufacturer & OEM Specialist

As a dedicated Lithium (LiFePO4) manufacturer, ECELL BATTERIES produces your orders directly on state-of-the-art production lines at our wholly-owned Fuzhou facility. This eliminates intermediaries, ensuring factory-direct pricing and streamlined communication. Furthermore, we provide comprehensive OEM/ODM services, customizing energy solutions to align perfectly with your market needs.

Uncompromising Quality (Grade-A Cells Only)

Quality is our baseline. We exclusively utilize 100% Brand New Grade-A cells, strictly refusing recycled or B-grade alternatives. Through rigorous cell testing and sorting, we ensure every battery pack delivers superior consistency and safety.

Certified Safety & Seamless Logistics

Backed by our in-house laboratory, our products meet global safety standards. We provide full compliance documentation—including UN38.3, MSDS, and DG packaging certifications—ensuring smooth, risk-free transportation to any port worldwide.

Main Applications

Renewable Energy Storage, Off grid solar PV & Wind Power, Residential & Commercial ESS, Power Supply & Emergency Lighting
Critical Power, Telecom & UPS Systems, Data Centers, CCTV & Medical Equipment
Motive Power & Electric Mobility, Golf Carts, EVs, Motorcycle battery, Floor Cleaning Equipment



MANUFACTURING OF LITHIUM BATTERY & LEAD ACID BATTERY



ADVANCED AUTOMATION & SCALABLE CAPACITY



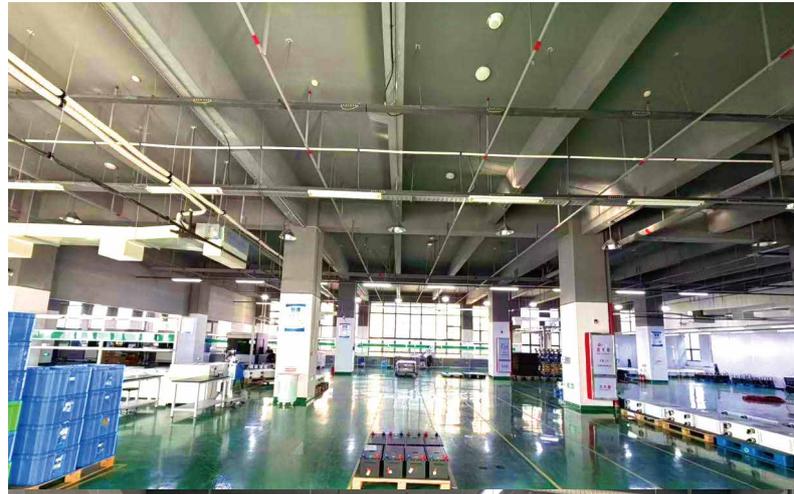
Precision Engineered by Full Automation

At ECELL BATTERIES, consistency is our core advantage. Our facility operates **fully automated production lines**, covering critical steps from cell sorting to precision spot welding. By eliminating manual inconsistencies, we ensure strictly matched voltage and internal resistance for every single cell. This automated process guarantees that every battery pack offers superior structural integrity, safety, and cycle life.

Expert OEM/ODM & High-Volume Delivery

With an annual production value exceeding **200 million RMB**, our manufacturing system is built for scale and speed. We specialize in **comprehensive OEM/ODM services**, offering flexible engineering support from initial concept to mass production. Whether for standard orders or custom energy solutions, ECELL BATTERIES ensures stable supply and rapid turnaround times.

ECELL BATTERIES YOUR TRUSTED OEM/ODM MANUFACTURER



LEAD-ACID BATTERY SERIES (VRLA AGM / GEL)

Expertly Manufactured by ECELL BATTERIES. As a leading manufacturer, we produce high-performance VRLA batteries under strict quality control. Our facility utilizes ultra-high purity materials and automated assembly lines to deliver stable, long-life power for critical standby applications worldwide.

Our Advantages

99.996% Primary Lead

Utilizing high-purity primary lead ingots to minimize grid corrosion and strictly control self-discharge rates.

Maintenance-Free

The sealed valve-regulated (SLA) architecture ensures leak-proof operation and exceptional stability.

Top Applications

The preferred choice for UPS Systems, Data Center, Telecom, Security CCTV, and Solar Power storage.

LITHIUM BATTERY SERIES (LiFePO4)

Advanced Manufacturing & Innovation. ECELL BATTERIES produces industrial-grade Lithium Iron Phosphate (LiFePO4) batteries engineered for reliability, safety, and deep cycling. Our production portfolio is categorized into three core voltage platforms to meet diverse global energy needs.

Our Advantages

Brand-new Grade A Lithium cells

Built with high-purity battery-grade Lithium Carbonate materials to ensure exceptional cell consistency, thermal stability, and long cycle life.

Smart BMS Protection

Integrated intelligent management system actively monitors voltage and thermal status to prevent over-charge, over-discharge, and short circuits.

Core Applications

Specifically optimized for Security Systems (CCTV), C&I Energy Storage, Residential Solar ESS, and Telecom Base Stations.



Telecom



Solar Power



UPS



Wind Power



Security



Golf Cart

LITHIUM BATTERY SERIES OVERVIEW



12.8V & 25.6V Lithium Battery – Bluetooth Optional
 2,000 - 6,000 Cycles | Cycle Life (@80% DOD)

ELIS SERIES
 ⚡ 4Ah to 320Ah



25.6V & 51.2V Lithium Battery – With Bluetooth & LED Screen
 > 6,000 Cycles | Cycle Life (@80% DOD)

ELIR SERIES
 ⚡ 50Ah to 200Ah



48V & 51.2V Lithium Battery – With Bluetooth & LED Screen
 > 6,000 Cycles | Cycle Life (@80% DOD)

ELIT SERIES
 ⚡ 50Ah to 200Ah



48V & 51.2V GPS Lithium Battery – With Bluetooth & LED Screen
 > 6,000 Cycles | Cycle Life (@80% DOD)

ELIG SERIES
 ⚡ 100Ah to 200Ah



High Voltage Lithium Battery – With Bluetooth
 > 6,000 Cycles | Cycle Life (@80% DOD)

ELIU SERIES
 ⚡ 50Ah to 200Ah



25.6V & 51.2V Lithium Battery – With Bluetooth & LED Screen
 > 6,000 Cycles | Cycle Life (@80% DOD)

ELIW SERIES
 ⚡ 50Ah to 200Ah



25.6V & 51.2V Lithium Battery – With Bluetooth & LED Screen
 > 6,000 Cycles | Cycle Life (@80% DOD)

ELIF SERIES
 ⚡ 200Ah to 300Ah



51.2V Lithium Battery – With Bluetooth & LED Screen
 > 6,000 Cycles | Cycle Life (@80% DOD)

ELIH SERIES
 ⚡ 100Ah to 600Ah



25.6V & 48V & 51.2V Lithium Battery – With Bluetooth
 > 6,000 Cycles | Cycle Life (@80% DOD)

ELIGP SERIES
 ⚡ 80Ah to 160Ah



25.6V & 35.2V & 48V Lithium Battery – With Bluetooth
 > 6,000 Cycles | Cycle Life (@80% DOD)

ELIV SERIES
 ⚡ 100Ah to 200Ah



SERIES PRODUCT ELIS Series

- ✓ Cycle Life (2,000 - 6,000 Cycles @ 80% DOD.)
- ✓ Flexible Scalability (Max. 4S / 4P Connection Support.)
- ✓ BMS Safety (Over-current & Short-circuit Protection.)

ECELL BATTERIES | Professional Manufacturer of 12.8V & 25.6V LiFePO4 Batteries

Designed and manufactured by ECELL BATTERIES, the ELIS Series offers a comprehensive range of 12.8V and 25.6V LiFePO4 batteries (4Ah to 320Ah). Engineered as a direct 'drop-in' replacement for traditional lead-acid batteries, the ELIS Series delivers lighter weight, higher capacity, and superior safety with our advanced BMS technology (Bluetooth optional). Ideal for diverse applications including UPS, Solar Energy Storage, and Telecom.

Series	ECELL BATTERIES Model	Voltage V	Capacity Ah	Energy Wh	Dimension (mm)			Weight kg	Terminal	Type
					L	W	H			
ELIS	ELIS1204	12.8	4	51.2	90	70	101	0.50	F1/F2	LiFePO4
	ELIS1206	12.8	6	76.8	151	65	94	0.75	F1/F2	LiFePO4
	ELIS1207	12.8	7	89.6	151	65	94	0.95	F1/F2	LiFePO4
	ELIS1209	12.8	9	115.2	151	65	94	1.06	F1/F2	LiFePO4
	ELIS1210	12.8	10	128.0	151	65	94	1.10	F1/F2	LiFePO4
	ELIS1212	12.8	12	153.6	151	98	94	1.47	F1/F2	LiFePO4
	ELIS1218	12.8	18	230.4	181	77	165	2.25	M5	LiFePO4
	ELIS1220	12.8	20	256.0	181	77	165	2.00	M5	LiFePO4
	ELIS1224	12.8	24	307.2	181	77	165	2.90	M5	LiFePO4
	ELIS1226	12.8	26	332.8	175	166	124	3.12	M6	LiFePO4
	ELIS1230	12.8	30	384.0	183	84	175	3.55	M6	LiFePO4
	ELIS1250	12.8	50	640.0	227	143	212	5.30	M6	LiFePO4
	ELIS1275	12.8	75	960.0	260	168	208	8.10	M6	LiFePO4
	ELIS1280	12.8	80	1024.0	260	168	208	8.10	M6	LiFePO4
	ELIS12100	12.8	100	1280.0	330	170	221	11.59	M8	LiFePO4
	ELIS12100FT	12.8	100	1280.0	359	110	286	13.50	M8	LiFePO4
	ELIS12150	12.8	150	1920.0	359	174	218	15.00	M8	LiFePO4
	ELIS12150FT	12.8	150	1920.0	552	110	288	14.60	M8	LiFePO4
	ELIS12200	12.8	200	2560.0	521	241	222	20.00	M8	LiFePO4
	ELIS12200FT	12.8	200	2560.0	560	125	317	20.20	M8	LiFePO4
	ELIS12230	12.8	230	2944.0	382	193	249	19.20	M8	LiFePO4
	ELIS12280	12.8	280	3584.0	531	206	217	27.32	M8	LiFePO4
	ELIS12320	12.8	320	4096.0	531	206	217	28.00	M8	LiFePO4
	ELIS2450	25.6	50	1280.0	382	193	249	12.00	M8	LiFePO4
ELIS24100	25.6	100	2560.0	531	206	217	19.50	M8	LiFePO4	
ELIS24150	25.6	150	3840.0	522	240	218	28.90	M8	LiFePO4	
ELIS24200	25.6	200	5120.0	520	268	222	40.00	M8	LiFePO4	



SERIES PRODUCT

**ELIR Series
ELIT Series
ELIG Series
ELIU Series**



- Long Cycle Life (>6,000 Cycles @ 80% DOD.) ✓
- Capacity Expansion (Max Connected in Parallel 32 Units.) ✓
- BMS Protection (Charge/discharge over-current, and short-circuit.) ✓

ECELL BATTERIES | Professional Rack-mounted LiFePO4 Batteries

Designed and manufactured by ECELL BATTERIES, our rack-mounted series offers a high-performance energy solution for standard 19-inch cabinet systems. With our advanced Smart BMS technology, it ensures unmatched safety and maintenance-free operation for diverse critical applications including Telecom Base Stations, UPS, and Data Centers.

Series	ECELL BATTERIES Model	Voltage V	Capacity Ah	Energy kWh	Height (1U=44.45mm)	Dimension (mm)			Weight kg	Communication	Type
						L	W	H			
ELIR	ELIR24-100	25.6	100	2.56	4U	422	350	177	26.00	RS485/CAN/RS232	LiFePO4
	ELIR24-200	25.6	200	5.12	4U	442	450	177	43.00	RS485/CAN/RS232	LiFePO4
	ELIR51.2-50	51.2	50	2.56	3U	442	442	132	28.00	RS485/CAN/RS232	LiFePO4
	ELIR51.2-100	51.2	100	5.12	4U	442	431	177	43.00	RS485/CAN/RS232	LiFePO4
	ELIR51.2-100	51.2	100	5.12	3U	442	460	133	43.00	RS485/CAN/RS232	LiFePO4
	ELIR51.2-150	51.2	150	7.68	4.5U	442	550	198	64.00	RS485/CAN/RS232	LiFePO4
	ELIR51.2-200	51.2	200	10.24	5.5U	442	550	244	82.00	RS485/CAN/RS232	LiFePO4
Series	ECELL BATTERIES Model	Voltage V	Capacity Ah	Energy kWh	Height (1U=44.45mm)	Dimension (mm)			Weight kg	Communication	Type
ELIT	ELIT-4850	48	50	2.40	3U	442	422	132	26.00	RS485/CAN/RS232	LiFePO4
	ELIT-48100	48	100	4.80	3U	442	450	133	40.50	RS485/CAN/RS232	LiFePO4
	ELIT-48150	48	150	7.20	4.5U	442	520	198	59.00	RS485/CAN/RS232	LiFePO4
	ELIT-48200	48	200	9.60	5.5U	442	520	244	77.00	RS485/CAN/RS232	LiFePO4
	ELIT-48100T	48	100	4.80	3U	442	450	133	40.50	RS485/CAN/RS232	LiFePO4
	ELIT-48200T	48	200	9.60	5.5U	442	520	244	79.20	RS485/CAN/RS232	LiFePO4
Series	ECELL BATTERIES Model	Voltage V	Capacity Ah	Energy kWh	Height (1U=44.45mm)	Dimension (mm)			Weight kg	Communication	Type
ELIG	ELIG-48100	48	100	4.80	3U	442	450	132	40.50	RS485/CAN/RS232	LiFePO4
	ELIG-48200	48	200	9.60	5.5U	442	520	244	75.30	RS485/CAN/RS232	LiFePO4
Series	ECELL BATTERIES Model	Voltage V	Capacity Ah	Energy kWh	Height (1U=44.45mm)	Dimension (mm)			Weight kg	Communication	Type
ELIU	ELIU48100	48	100	4.80	4.5U	440	460	197	43.00	RS485/CAN/RS232	LiFePO4
	ELIU48200	48	200	9.60	5.5U	440	524	235	79.00	RS485/CAN/RS232	LiFePO4
	ELIU51V50	51.2	50	2.56	3U	440	450	133	27.00	RS485/CAN/RS232	LiFePO4
	ELIU51V100	51.2	100	5.12	3U	440	500	133	42.00	RS485/CAN/RS232	LiFePO4
	ELIU72V100	73.6	100	7.36	3U	442	700	132	65.00	RS485/CAN/RS232	LiFePO4
	ELIU192V25	204.8	25	5.12	4U	442	680	173	58.00	RS485/CAN/RS232	LiFePO4



SERIES PRODUCT ELIW Series

- Ultra-Long Life (>6000 Cycles @ 80% DOD.) ✓
- Space-Saving (Sleek Wall-mounted Design for Home Use.) ✓
- BMS Protection (Charge/discharge over-current, short-circuit Protect.) ✓

ECELL BATTERIES | Manufacturer of Wall-mounted LiFePO4 Battery

Designed and manufactured by ECELL BATTERIES, the ELIW Series offers a space-saving energy solution with a sleek, wall-mounted design. Engineered as a reliable power hub for modern homes and businesses, it provides high energy density and superior safety with our advanced Integrated Smart BMS. The ELIW Series is the perfect choice for Solar Energy Storage and Home Backup Power, ensuring efficient and sustainable energy management.

Series	ECELL BATTERIES Model	Voltage V	Capacity Ah	Energy Wh	Dimension (mm)			Weight kg	Communication	Type
					L	W	H			
ELIW	ELIW25.6-100	25.6	100	2560	375	500	165	29.00	RS485/CAN/RS232	LiFePO4
	ELIW25.6-200	25.6	200	5120	510	400	240	52.00	RS485/CAN/RS232	LiFePO4
	ELIW51.2-50	51.2	50	2560	450	450	130	31.00	RS485/CAN/RS232	LiFePO4
	ELIR51.2-100	51.2	100	5120	450	500	140	47.10	RS485/CAN/RS232	LiFePO4
	ELIR51.2-100	51.2	100	5120	590	420	150	48.00	RS485/CAN/RS232	LiFePO4
	ELIR51.2-100	51.2	100	5120	450	500	140	50.00	RS485/CAN/RS232	LiFePO4
	ELIW51.2-150	51.2	150	7680	400	600	200	67.00	RS485/CAN/RS232	LiFePO4
	ELIR51.2-200	51.2	200	10240	500	620	245	94.00	RS485/CAN/RS232	LiFePO4



SERIES PRODUCT ELIF Series

- Ultra-Long Life (>6000 Cycles @ 80% DOD.) ✓
- Movable Design (Easy Transport with Wheels and Handles.) ✓
- BMS Protection (Charge/discharge over-current, over-voltage, and short-circuit.) ✓

ECELL BATTERIES | Movable Floor-Standing Residential Smart Energy Storage Battery

Designed and manufactured by ECELL BATTERIES, the ELIF Series represents the next generation of home energy management. Combining high-capacity LiFePO4 Battery technology with a unique mobile design, this series serves as a powerful, versatile energy hub for modern households, off-grid living, and emergency backup.

The ELIF Series is engineered for those who demand reliability without the constraints of permanent wall mounting, offering a sophisticated balance of high-density power and effortless portability.

Series	ECELL BATTERIES Model	Voltage V	Capacity Ah	Energy Wh	Dimension (mm)			Weight kg	Communication	Type
					L	W	H			
ELIF	ELIF25.6-200	25.6	200	5120	422	240	370	52.00	RS485/CAN/RS232	LiFePO4
	ELIF25.6-300	25.6	300	7680	442	240	460	68.00	RS485/CAN/RS232	LiFePO4
	ELIF51.2-200	51.2	200	10240	460	240	610	92.00	RS485/CAN/RS232	LiFePO4
	ELIF51.2-300	51.2	300	15360	540	240	700	119.80	RS485/CAN/RS232	LiFePO4



SERIES PRODUCT ELIH Series

- Ultra-Long Life (>6000 Cycles @ 80% DOD.) ✓
- Modular Stacked (Easy Plug-and-Play Capacity Expansion.) ✓
- BMS Protection (Charge/discharge over-current, over-voltage, and short-circuit.) ✓

ECELL BATTERIES | Manufacturer of Modular Stacked LiFePO4 Storage Systems

Designed and manufactured by ECELL BATTERIES, the ELIH Series features a cutting-edge modular stacked design for ultimate flexibility in home energy storage. Engineered with a plug-and-play interface, it allows for effortless capacity expansion without the need for complex internal wiring. Whether for daily solar self-consumption or emergency backup, the ELIH Series provides a sleek, space-efficient power hub that grows with your energy needs, all secured by our Intelligent Smart BMS.

Series	ECELL BATTERIES Model	Voltage V	Capacity Ah	Energy Wh	Dimension (mm)			Weight kg	Communication	Type
					L	W	H			
ELIH	ELIH51.2-100	51.2	100	5120	680	460	175	48.50	RS485/CAN/RS232	LiFePO4
	ELIH51.2-100	51.2	100	5120	680	460	280	60.50	RS485/CAN/RS232	LiFePO4
	ELIH51.2-100	51.2	200	10240	680	460	460	110.00	RS485/CAN/RS232	LiFePO4
	ELIH51.2-100	51.2	300	15360	680	460	650	165.00	RS485/CAN/RS232	LiFePO4
	ELIH51.2-100	51.2	400	20480	680	460	850	220.00	RS485/CAN/RS232	LiFePO4
	ELIH51.2-100	51.2	600	30720	680	460	1100	325.00	RS485/CAN/RS232	LiFePO4



SERIES PRODUCT
ELIGP Series

- Ultra-Long Life (>6000 Cycles @ 80% DOD.) ✓
- Optimized Power (Enhanced Performance for Golf Cart Fleets.) ✓
- BMS Protection (Charge/discharge over-current, over-voltage, and short-circuit.) ✓

ECELL BATTERIES | Professional Manufacturer of LiFePO4 Golf Cart Batteries

Designed and manufactured by ECELL BATTERIES, the ELIGP Series is a high-performance LiFePO4 solution specifically engineered for electric golf carts and utility vehicles. As a superior 'drop-in' replacement for heavy lead-acid batteries, it significantly reduces vehicle weight, leading to faster acceleration, better hill-climbing ability, and less wear on the cart's components.

With its high energy density and efficient power delivery, the ELIGP Series provides stable voltage throughout the entire discharge cycle, ensuring your golf cart maintains peak performance until the very last hole. Equipped with our advanced Intelligent BMS, it offers unmatched safety and maintenance-free convenience, making it the ideal choice for both private owners and commercial golf course fleets seeking to maximize uptime and minimize total cost of ownership.

Series	ECELL BATTERIES Model	Voltage V	Capacity Ah	Energy Wh	Dimension (mm)			Weight kg	Cycle Life	Communication	Type
					L	W	H				
ELIGP	ELIGP25.6-100	25.6	100	2560	645	190	540	42.0	6000	RS485/CAN/RS232	LiFePO4
	ELIGP25.6-200	25.6	200	5120	550	180	350	55.0	6000	RS485/CAN/RS232	LiFePO4
	ELIGP4880	48	80	3840	445	310	250	43.8	6000	RS485/CAN/RS232	LiFePO4
	ELIGP48105	48	105	5040	527	310	250	45.0	6000	RS485/CAN/RS232	LiFePO4
	ELIGP48150	48	150	7200	540	360	250	57.0	6000	RS485/CAN/RS232	LiFePO4
	ELIGP48210	48	210	10080	539	418	250	84.5	6000	RS485/CAN/RS232	LiFePO4
	ELIGP51105	51.2	105	5376	550	248	265	46.0	6000	RS485/CAN/RS232	LiFePO4
	ELIGP51160	51.2	160	8192	559	308	270	70.0	6000	RS485/CAN/RS232	LiFePO4



SERIES PRODUCT ELIV Series

- Ultra-Long Life (>6000 Cycles @ 80% DOD.) ✓
- Powerful Start-Stop (Reliable Cranking & Long Parking Backup.) ✓
- BMS Protection (Charge/discharge over-current, over-voltage, and short-circuit.) ✓

ECELL BATTERIES | Professional Manufacturer of Truck Start-Stop LiFePO4 Batteries

Designed and manufactured by ECELL BATTERIES, the ELIV Series is a high-performance LiFePO4 solution specifically engineered for the demanding needs of heavy-duty trucks and commercial vehicles. It serves as a superior dual-purpose battery, providing massive cold cranking amps (CCA) for reliable engine ignition and sustained deep-cycle power for auxiliary systems like sleeper cabin air conditioning and electronics during long rest periods.

Engineered to withstand extreme road vibrations and wide temperature fluctuations, the ELIV Series offers a much longer service life compared to traditional AGM or lead-acid batteries. With our Advanced Smart BMS, it ensures peak safety and fast-charging efficiency, allowing drivers to maximize fuel savings and minimize downtime for a more cost-effective long-haul experience.

Series	ECELL BATTERIES Model	Voltage V	Capacity Ah	Energy kWh	Dimension (mm)			Weight kg	Cycle Life	Communication	Cycle Life
					L	W	H				
ELIV	ELIV24100	25.6	100	2.56	330	340	225	27.50	6000	RS485/CAN/RS232	LiFePO4
	ELIV24150	25.6	150	3.84	526	333	223	46.50	6000	RS485/CAN/RS232	LiFePO4
	ELIVP24200	25.6	200	5.12	526	333	223	49.00	6000	RS485/CAN/RS232	LiFePO4
	ELIV35150	35.2	150	5.28	490	360	240	54.50	6000	RS485/CAN/RS232	LiFePO4
	ELIV48200	48	200	9.60	430	370	273	84.0	6000	RS485/CAN/RS232	LiFePO4

LEAD ACID BATTERY SERIES OVERVIEW



4V & 6V & 12V & 24V AGM UPS Battery

Design Life: 5-10 Years | Standby Power

EC SERIES
1.2Ah to 30Ah



12V VRLA AGM Deep Cycle Battery

Design Life: 10 Years | Deep Cycle

EP SERIES
30Ah to 300Ah



2V Stationary Large Capacity Battery

Design Life: 15-20 Years | General Purpose

EL SERIES
50Ah to 3000Ah



2V & 12V GEL Deep Cycle Battery

Design Life: 15-20 Years | Gel Deep Cycle

EPG SERIES
50Ah to 3000Ah



12V Front Terminal Battery

Design Life: 10 Years | Telecom & UPS

EFT SERIES
50Ah to 200Ah



Motorcycle Starting battery

Design Life: 5-8 Years | Starting Power

EMF SERIES
2.5Ah to 30Ah



Golf cart & Electric Motive Battery

Design Life: 15-20 Years | Motive Power

EVE SERIES
12Ah to 400Ah



ECELL High Rate Discharge Battery (UPS Optimized)

Design Life: 5-10 Years | High Rate Discharge

HR SERIES
5Ah to 200Ah



ECELL OPzV Battery (Tubular GEL)

Design Life: 20+ Years | GEL Deep Cycle

OPzV SERIES
200Ah to 3000Ah



ECELL OPzS Battery (Tubular Flooded)

Design Life: 20+ Years | Deep Cycle

OPzS SERIES
200Ah to 3000Ah



SERIES PRODUCT EC Series

- UPS Battery (GEL/AGM Technology.) ✓
- General Purpose Design (UPS standby power.) ✓
- High Safety (UL94 V0 ABS case protection.) ✓

ECELL BATTERIES | Stable Small-Capacity VRLA UPS Battery

Designed and manufactured by ECELL BATTERIES, the EC Series is a compact solution for small-capacity applications like fire alarms, UPS, and medical equipment. Using 99.996% high-purity lead and VRLA technology, this maintenance-free series delivers stable power output and a reliable service life.

Series	ECELL BATTERIES Model	Voltage V	Capacity (20HR) Ah	Dimension (mm)±1.5				Weight (kg)±3%	Terminal	Type
				L	W	H	TH			
EC	EC4-4.5	4	4.5	47	47	100	104	0.47	F1	VRLA AGM
	EC6-4.5	6	4.5	70	47	100	107	0.72	F1/F2	VRLA AGM
	EC6-5	6	5	70	47	100	107	0.80	F1/F2	VRLA AGM
	EC6-7	6	7	151	35	94	100	1.09	F1/F2	VRLA AGM
	EC12-1.3	12	1.3	97	43	52	58	0.55	F1/F2	VRLA AGM
	EC12-2.3	12	2.3	178	38	61	67	0.90	F1/F2	VRLA AGM
	EC12-3.2	12	3.2	134	67	61	67	1.25	F1/F2	VRLA AGM
	EC12-4L	12	4	195	47	70	76	1.42	F1/F2	VRLA AGM
	EC12-4.5	12	4.5	90	70	101	107	1.43	F1/F2	VRLA AGM
	EC12-5	12	5	90	70	101	107	1.50	F1/F2	VRLA AGM
	EC12-5A	12	5	90	70	101	107	1.60	F1/F2	VRLA AGM
	EC12-5HR	12	5	90	70	101	107	1.83	F1/F2	VRLA AGM
	EC12-6.5	12	6.5	151	65	94	100	1.99	F1/F2	VRLA AGM
	EC12-7	12	7	151	65	94	100	2.05	F1/F2	VRLA AGM
	EC12-7.2	12	7.2	151	65	94	101	2.10	F1/F2	VRLA AGM
	EC12-7.5	12	7.5	151	65	94	100	2.20	F1/F2	VRLA AGM
	EC12-8	12	8	151	65	94	100	2.30	F1/F2	VRLA AGM
	EC12-8.5	12	8.5	151	65	94	100	2.45	F1/F2	VRLA AGM
	EC12-9	12	9	151	65	94	100	2.52	F1/F2	VRLA AGM
	EC12-9HR	12	9	151	65	94	100	2.70	F1/F2	VRLA AGM
	EC12-10	12	10	151	98	95	101	3.15	F1/F2	VRLA AGM
	EC12-10L	12	10	151	65	111	117	2.75	F1/F2	VRLA AGM
	EC12-12	12	12	151	98	95	101	3.45	F1/F2	VRLA AGM
	EC12-12A	12	12	151	98	95	101	3.60	F1/F2	VRLA AGM
	EC12-12B	12	12	151	98	95	101	3.90	F1/F2	VRLA AGM
	EC12-17	12	17	181	77	167	167	5.00	L1/M5	VRLA AGM
	EC12-18	12	18	181	77	167	167	5.30	L1/M5	VRLA AGM
	EC12-20	12	20	181	77	167	167	5.70	L1/M5	VRLA AGM
EC12-24H	12	24	165	125	175	175	7.50	L1/M6	VRLA AGM	
EC12-24	12	24	166	175	125	125	7.60	L1/M6	VRLA AGM	
EC12-26	12	26	166	175	125	125	7.90	L1/M6	VRLA AGM	
EC12-28H	12	28	165	125	175	175	8.10	L1/M6	VRLA AGM	
EC12-28	12	28	166	175	125	125	8.20	L1/M6	VRLA AGM	
EC24-3.5	24	3.5	179	70	101	106	2.61	F2	VRLA AGM	
EC24-4	24	4	179	70	101	106	2.75	F2	VRLA AGM	
EC24-5	24	5	179	70	101	106	2.91	F2	VRLA AGM	



SERIES PRODUCT EP Series

- VRLA Maintenance-Free (AGM/GEL Battery.) ✓
- General Purpose Design (Medium Capacity.) ✓
- Low Self-Discharge Rate (<3% per month.) ✓

ECELL BATTERIES | High-Performance UPS & Data Center VRLA Battery

Designed and manufactured by ECELL BATTERIES, the EP Series is a robust solution engineered for mission-critical applications like UPS backups and Data Centers. Using 99.996% high-purity lead and advanced VRLA technology, this maintenance-free series delivers superior energy density and a dependable service life for industrial environments.

Series	ECELL BATTERIES Model	Voltage V	Capacity (10HR) Ah	Dimension (mm)±1.5				Weight (kg)±3%	Terminal	Type
				L	W	H	TH			
EP	EP12-30	12	30	195	130	152	166	9.60	M6	VRLA AGM
	EP12-33	12	33	195	130	152	166	10.20	M6	VRLA AGM
	EP12-35	12	35	197	165	175	175	11.50	M6	VRLA AGM
	EP12-40	12	40	197	165	175	175	12.75	M6	VRLA AGM
	EP12-45	12	45	197	165	175	175	14.70	M6	VRLA AGM
	EP12-50	12	50	229	138	205	210	15.50	M6	VRLA AGM
	EP12-55	12	55	229	138	211	214	16.70	M6	VRLA AGM
	EP12-55HR	12	55	229	138	211	214	17.50	M6	VRLA AGM
	EP12-60	12	60	229	138	205	210	16.70	M6	VRLA AGM
	EP12-65	12	65	350	167	174	174	20.00	M8	VRLA AGM
	EP12-75	12	75	260	168	211	214	21.50	M8	VRLA AGM
	EP12-80	12	80	260	168	211	214	22.50	M8	VRLA AGM
	EP12-90	12	90	306	169	211	214	27.00	M8	VRLA AGM
	EP12-100S	12	100	305	167	210	213	28.50	M8	VRLA AGM
	EP12-100	12	100	330	171	214	220	29.50	M8	VRLA AGM
	EP12-100A	12	100	330	171	214	220	30.30	M8	VRLA AGM
	EP12-105	12	105	330	171	214	220	31.00	M8	VRLA AGM
	EP12-110	12	110	330	171	214	220	33.70	M8	VRLA AGM
	EP12-120	12	120	406	173	208	238	34.00	M8	VRLA AGM
	EP12-120L	12	120	409	176	225	225	34.00	M8	VRLA AGM
	EP12-150	12	150	485	172	240	240	43.00	M8	VRLA AGM
	EP12-150A	12	150	485	172	240	240	45.00	M8	VRLA AGM
	EP12-150C	12	150	340	173	281	284	45.50	M8	VRLA AGM
	EP12-150B	12	150	522	238	218	221	51.50	M8	VRLA AGM
	EP12-200L	12	200	522	238	218	221	57.00	M8	VRLA AGM
	EP12-180	12	180	530	207	210	213	52.50	M8	VRLA AGM
	EP12-190	12	190	530	207	210	213	55.00	M8	VRLA AGM
	EP12-200	12	200	522	238	218	221	59.00	M8	VRLA AGM
EP12-200B	12	200	522	238	218	221	59.50	M8	VRLA AGM	
EP12-200A	12	200	522	238	218	221	61.00	M8	VRLA AGM	
EP12-220	12	220	522	238	218	221	61.50	M8	VRLA AGM	
EP12-250	12	250	521	269	220	223	71.00	M8	VRLA AGM	



SERIES PRODUCT

**EL Series
EPG Series**

- Large Capacity 2V (VRLA/GEL Deep Cycle.) ✓
- Low Self-Discharge (<3% per month.) ✓
- Stationary Reliability (15-20 years long life.) ✓

ECELL BATTERIES | Long-Life Telecom & Infrastructure VRLA 2V Battery

Designed and manufactured by ECELL BATTERIES, the EL Series is a premier solution for critical infrastructure like telecommunication hubs and power utilities. Utilizing 99.996% high-purity lead, this maintenance-free series delivers an industrial-grade service life of up to 20 years with superior deep discharge recovery for the most demanding environments.

Series	ECELL BATTERIES Model	Voltage V	Capacity(20HR) Ah	Dimension (mm)±1.5				Weight (kg)±3%	Terminal	Type
				L	W	H	TH			
EL	EL2-50	2	50	161	50	166	175	3.10	F15	VRLA AGM
	EL2-100	2	100	171	72	205	210	5.60	F15	VRLA AGM
	EL2-150	2	150	171	102	206	221	8.00	F13	VRLA AGM
	EL2-200	2	200	171	111	330	364	12.80	F12	VRLA AGM
	EL2-200H	2	200	172	98	321	325	12.80	F12	VRLA AGM
	EL2-250	2	250	171	111	330	364	14.50	F12	VRLA AGM
	EL2-300	2	300	171	151	330	364	18.00	F12	VRLA AGM
	EL2-400	2	400	210	175	330	367	25.00	F12	VRLA AGM
	EL2-500	2	500	241	175	330	365	30.00	F12	VRLA AGM
	EL2-500T	2	500T	241	175	330	345	29.20	F12	VRLA AGM
	EL2-600	2	600	302	175	330	367	36.00	F12	VRLA AGM
	EL2-800	2	800	410	175	330	367	50.00	F12	VRLA AGM
	EL2-1000	2	1000	475	175	330	367	61.50	F12	VRLA AGM
	EL2-1200	2	1200	475	175	330	367	67.50	F12	VRLA AGM
	EL2-1500	2	1500	400	350	345	382	93.00	F12	VRLA AGM
	EL2-2000	2	2000	490	350	345	382	120.00	F12	VRLA AGM
	EL2-2500	2	2500	712	353	341	382	171.00	F12	VRLA AGM
EL2-3000	2	3000	710	350	345	382	180.00	F12	VRLA AGM	
EPG	EPG2-200	2	200	171	111	330	364	12.80	F12	Gel Deep Cycle
	EPG2-300	2	300	171	151	330	364	18.00	F12	Gel Deep Cycle
	EPG2-500	2	500	241	175	330	365	30.00	F12	Gel Deep Cycle
	EPG2-600	2	600	302	175	330	367	36.00	F12	Gel Deep Cycle
	EPG2-800	2	800	410	175	330	367	50.00	F12	Gel Deep Cycle
	EPG2-1000	2	1000	475	175	330	367	61.50	F12	Gel Deep Cycle
	EPG2-1200	2	1200	475	175	330	367	67.50	F12	Gel Deep Cycle
	EPG2-1500	2	1500	400	350	345	382	93.00	F12	Gel Deep Cycle
	EPG2-2000	2	2000	490	350	345	382	120.00	F12	Gel Deep Cycle
	EPG2-2500	2	2500	712	353	341	382	171.00	F12	Gel Deep Cycle
	EPG2-3000	2	3000	710	350	345	382	180.00	F12	Gel Deep Cycle



SERIES PRODUCT EPG Series

- GEL Deep Cycle Battery (Nano Gel Electrolyte.) ✓
- Low self-discharge rate (<3% per month.) ✓
- Built with high-quality ABS casing (UL94 V0 ABS.) ✓

ECELL BATTERIES | High-Performance 12V GEL Deep Cycle Battery

Designed and manufactured by ECELL BATTERIES, the EPG Series represents the pinnacle of VRLA gel technology, engineered specifically for demanding deep cycle applications such as Solar and Wind energy storage. By incorporating advanced nano-gel electrolytes and high-purity 99.996% lead plates, this fully sealed, maintenance-free series delivers exceptional thermal stability, superior deep discharge recovery, and a leak-proof power source for critical infrastructure. Whether for remote off-grid systems or residential storage, the EPG series is built to provide consistent, long-lasting power in the most challenging environments.

Series	ECELL BATTERIES Model	Voltage V	Capacity(10HR) Ah	Dimension (mm)±1.5				Weight (kg)±3%	Terminal	Type
				L	W	H	TH			
				±1	±1	±2	±2			
EPG	EPG12-22	12	22	181	77	167	167	5.70	L1/M5	Gel Deep Cycle
	EPG12-28	12	28	166	175	125	125	8.20	M6	Gel Deep Cycle
	EPG12-33	12	33	195	130	152	166	10.20	M6	Gel Deep Cycle
	EPG12-35	12	35	197	165	175	175	11.50	M6	Gel Deep Cycle
	EPG12-40	12	40	197	165	175	175	13.50	M6	Gel Deep Cycle
	EPG12-45	12	45	197	165	175	175	14.70	M6	Gel Deep Cycle
	EPG12-55	12	55	229	138	211	214	16.00	M6	Gel Deep Cycle
	EPG12-65	12	65	350	167	174	174	20.00	M8	Gel Deep Cycle
	EPG12-80	12	80	260	168	211	214	22.50	M8	Gel Deep Cycle
	EPG12-90	12	90	306	169	211	214	27.00	M8	Gel Deep Cycle
	EPG12-100	12	100	330	171	214	220	30.30	M8	Gel Deep Cycle
	EPG12-105	12	105	330	171	214	220	31.00	M8	Gel Deep Cycle
	EPG12-120	12	120	406	173	208	238	34.00	M8	Gel Deep Cycle
	EPG12-120B	12	120	409	176	225	225	34.00	M8	Gel Deep Cycle
	EPG12-150	12	150	485	172	240	240	45.00	M8	Gel Deep Cycle
	EPG12-150C	12	150	340	173	281	284	45.50	M8	Gel Deep Cycle
	EPG12-180	12	180	530	207	210	213	52.50	M8	Gel Deep Cycle
	EPG12-200	12	200	522	238	218	221	61.00	M8	Gel Deep Cycle
	EPG12-250	12	250	521	269	220	223	71.00	M8	Gel Deep Cycle
	EPG12-110FT	12	110	410	110	286	295	33.00	M8	Gel Deep Cycle
	EPG12-155FT	12	155	550	110	287	287	48.50	M8	Gel Deep Cycle
	EPG12-200FT	12	200	560	125	316	316	57.00	M8	Gel Deep Cycle
	EPG12-75FT	12	75	410	110	286	295	24.00	M8	Gel Deep Cycle
	EPG12-80FT	12	80	562	114	189	189	24.50	M8	Gel Deep Cycle
	EPG12-105FT	12	105	506	110	224	239	29.40	M8	Gel Deep Cycle
	EPG12-100FT	12	100	506	110	224	239	31.00	M8	Gel Deep Cycle
	EPG12-100F	12	100	396	110	286	286	31.00	M8	Gel Deep Cycle
	EPG12-100L	12	100	410	110	286	295	31.00	M8	Gel Deep Cycle
EPG12-150FT	12	150	550	110	287	287	44.00	M8	Gel Deep Cycle	
EPG12-170FT	12	170	550	110	287	287	50.00	M8	Gel Deep Cycle	
EPG12-180FT	12	180	560	125	316	316	53.80	M8	Gel Deep Cycle	
EPG12-190FT	12	190	560	125	316	316	55.50	M8	Gel Deep Cycle	
EPG12-200FT	12	200	560	125	316	316	57.00	M8	Gel Deep Cycle	



SERIES PRODUCT EFT Series

- Front Terminal Access (Easy maintenance.) ✓
- GEL Deep Cycle Technology (Nano Gel Electrolyte.) ✓
- High-Quality ABS Casing (UL94 V0 Flame Retardant.) ✓

ECELL BATTERIES | Leading Manufacturer of Front Terminal Deep Cycle Battery for UPS & Telecom

Designed and manufactured by ECELL BATTERIES, the EFT Series features a specialized front-access terminal design, optimized for seamless integration into standard 19-inch and 23-inch power cabinets. Built with premium VRLA AGM technology and high-purity electrolytic lead, this series offers superior space efficiency and simplified maintenance for mission-critical infrastructure. Whether supporting high-end telecommunications or large-scale UPS systems, the EFT Series provides a reliable, space-saving power hub secured by our high-safety construction and flame-retardant UL94 V0 ABS casing.

Series	ECELL BATTERIES Model	Voltage V	Capacity(10HR) Ah	Rating	Dimension (mm)±1.5				Weight (kg)±3%	Terminal	Packing pc/ctn	Type
					L	W	H	TH				
EFT	EFT12-50	12	50	10 Hr	291	106	221	231	15.30	R4/M4*14	1	VRLA AGM /GEL
	EFT12-55	12	55	10 Hr	291	106	221	231	17.00	R4/M4*14	1	VRLA AGM /GEL
	EFT12-65	12	65	10 Hr	410	110	286	295	22.00	R4/M4*14	1	VRLA AGM /GEL
	EFT12-75	12	75	10 Hr	410	110	286	295	24.00	R5/M8*16	1	VRLA AGM /GEL
	EFT12-80	12	80	10 Hr	562	114	189	189	24.50	R5/M8*16	1	VRLA AGM /GEL
	EFT12-90	12	90	10 Hr	506	110	224	239	29.40	R5/M8*16	1	VRLA AGM /GEL
	EFT12-100M	12	100	10 Hr	507	110	223	238	34.00	R5/M8*16	1	VRLA AGM /GEL
	EFT12-100A	12	100	10 Hr	506	110	224	239	31.00	R5/M8*16	1	VRLA AGM /GEL
	EFT12-100L	12	100	10 Hr	396	110	286	286	31.00	R5/M8*16	1	VRLA AGM /GEL
	EFT12-100	12	100	10 Hr	410	110	286	295	31.00	R5/M8*16	1	VRLA AGM /GEL
	EFT12-110	12	110	10 Hr	410	110	286	295	33.00	R5/M8*16	1	VRLA AGM /GEL
	EFT12-150	12	150	10 Hr	550	110	287	287	44.00	R5/M8*16	1	VRLA AGM /GEL
	EFT12-155	12	155	10 Hr	550	110	287	287	48.50	R5/M8*16	1	VRLA AGM /GEL
	EFT12-170	12	170	10 Hr	550	110	287	287	50.00	R5/M8*16	1	VRLA AGM /GEL
	EFT12-180	12	180	10 Hr	560	125	316	316	53.80	R5/M8*16	1	VRLA AGM /GEL
	EFT12-180M	12	180	10 Hr	545	125	316	323	57.20	R5/M8*16	1	VRLA AGM /GEL
	EFT12-190	12	190	10 Hr	560	125	316	316	55.50	R5/M8*16	1	VRLA AGM /GEL
	EFT12-200	12	200	10 Hr	560	125	316	316	57.00	R5/M8*16	1	VRLA AGM /GEL



SERIES PRODUCT EMF Series

- Motorcycle starting batteries (Sealed Maintenance Free.) ✓
- Superior Starting Power (Reliable Engine Ignition.) ✓
- Low self-discharge rate (<3% per month.) ✓

ECELL BATTERIES | High-Performance Motorcycle Sealed Maintenance-Free Battery

Designed and manufactured by ECELL BATTERIES, the EMF Series is specifically engineered to meet the high-vibration and rapid-start demands of modern motorcycles. By utilizing high-purity electrolytic lead and advanced lead-calcium grid technology, these batteries provide exceptional cranking power and superior cycle life. The fully sealed, maintenance-free construction eliminates the risk of acid leakage, providing a safe and reliable choice for all types of motorcycles. Whether for daily commuting or touring, the EMF Series ensures your motorcycle engine ignites with maximum confidence.

Series	ECELL BATTERIES Model	Reference	Voltage V	Capacity(10HR) AH	Dimension (mm)±1.5				Weight (kg) ±3%	Type
					L	W	H	TH		
EMF	EMF12-2.5B	YB2.5	12	2.5	80	78	104	104	1.10	MotorCycle Battery
	EMF12-3D	YTX3	12	3	98	56.5	108	108	1.18	MotorCycle Battery
	EMF12-3B	DI03	12	3	114	49	85	85	1.15	MotorCycle Battery
	EMF12-4	YTX4	12	4	113	69	86	86	1.40	MotorCycle Battery
	EMF12-5B-Z1	12N5-Z	12	5	119	60	128	128	1.93	MotorCycle Battery
	EMF12-5.5B	YTX9	12	5.5	149	85	105	105	2.25	MotorCycle Battery
	EMF12-5.5C	YTX5+YTX4	12	5.5	113	69	104	104	1.80	MotorCycle Battery
	EMF12-5.8	YTZ7V	12	5.8	113	69	119	119	2.00	MotorCycle Battery
	EMF12-6	YTX7B	12	6	150	65	95	95	1.95	MotorCycle Battery
	EMF12-6.5E	YTX5+YTX4	12	6.5	149	85	93	93	1.94	MotorCycle Battery
	EMF12-6.5D	12N7	12	6.5	113	69	130	130	2.05	MotorCycle Battery
	EMF12-7A	YTX7A	12	7	149	85	93	93	2.50	MotorCycle Battery
	EMF12-7C	12N7	12	7	113	69	130	130	2.20	MotorCycle Battery
	EMF12-7F	YTX9	12	7	149	85	105	105	2.60	MotorCycle Battery
	EMF12-8.5(ZD)	YTX9	12	8.5	149	85	105	105	2.73	MotorCycle Battery
	EMF12-9	YTX9	12	9	149	85	105	105	2.85	MotorCycle Battery
	EMF12-12A	12N12	12	12	148	85	131	131	4.10	MotorCycle Battery
	EMF12-Z12S	GTZ12S	12	12	150	87.5	110	110	3.68	MotorCycle Battery
	EMF12-16	12N20L	12	16	177	87	153.5	153.5	5.10	MotorCycle Battery
	EMF12-16A	YTX14	12	16	135	91	167	167	4.60	MotorCycle Battery
	EMF12-18-3	HJ12-18	12	18	181	77	166	166	5.85	MotorCycle Battery
	EMF12-4-1	YTZ5S	12	4	113	69	86	86	1.27	MotorCycle Battery
	EMF12-4-3	YTZ5S	12	4	113	69	86	86	1.40	MotorCycle Battery
	EMF12-5B	YB5L	12	5	119	60	128	128	1.83	MotorCycle Battery
	EMF12-5B-1	YB5L	12	5	119	60	128	128	1.71	MotorCycle Battery
	EMF12-5B-3	YB5L	12	5	119	60	128	128	1.48	MotorCycle Battery
	EMF12-5F-A	YTX5+	12	5	113	69	105	105	1.78	MotorCycle Battery
	EMF12-7B	12N7B	12	7	148	60	128	128	2.26	MotorCycle Battery
EMF12-7	12V7F-Z	12	7	136	76	125	125	2.25	MotorCycle Battery	
EMF12-9L	12V9L-Z	12	7	136	76	134.5	134.5	2.86	MotorCycle Battery	



SERIES PRODUCT EVE Series

- GEL Deep Cycle Battery (Nano Gel Electrolyte.) ✓
- Electric Motive Power (Golf Carts, Electric Cars.) ✓
- Long Cycle Life (>800 Cycles @50% DOD.) ✓

ECELL BATTERIES | High-Performance Motive Power Deep Cycle Batteries

Designed and manufactured by ECELL BATTERIES, the EVE Series features a heavy-duty deep cycle design optimized for the demanding needs of electric motive applications. Engineered with advanced Nano Gel Electrolyte, it provides superior stability and vibration resistance compared to standard lead-acid batteries. Whether powering professional industrial equipment or leisure vehicles, the EVE Series delivers a reliable, "fit-and-forget" energy solution that ensures consistent performance across its long service life, all secured by our high-safety construction and flame-retardant UL94 V0 ABS casing.

Series	ECELL BATTERIES Model	Voltage V	Capacity(20HR) Ah	Dimension (mm)±1.5				Weight (kg)±3%	Type
				L	W	H	TH		
EVE	EVE12-14	12	14	151	98	98	98	4.40	Motive Power
	EVE12-18	12	18	181	77	168	168	6.15	Motive Power
	EVE12-20	12	20	181	77	168	168	6.60	Motive Power
	EVE12-33	12	33	195	130	150	166	10.20	Motive Power
	EVE12-50	12	50	229	138	206	210	15.50	Motive Power
	EVE12-65	12	65	258	169	175	180	20.00	Motive Power
	EVE12-70A	12	70	259	169	206	211	21.50	Motive Power
	EVE12-90	12	90	307	169	211	230	29.50	Motive Power
	EVE12-100	12	100	330	169	216	236	32.00	Motive Power
	EVE12-155	12	155	327	176	254	274	39.00	Motive Power
	EVE12-170	8	170	260	180	253	274	32.00	Motive Power
	EVE12-180	6	180	260	180	254	274	27.50	Motive Power
	EVE12-220	6	220	260	180	254	274	31.20	Motive Power
	EVE12-400	6	400	295	180	405	426	55.50	Motive Power
	EVE12-330	12	330	528	282	229	250	85.60	Motive Power

SERIES PRODUCT HR Series



- High Rate Battery (High-Purity Lead 99.996%) ✓
- General Purpose Design (UPS/High-Power.) ✓
- Low Self-Discharge Rate (<3% per month.) ✓

ECELL BATTERIES | High-Rate Discharge VRLA UPS Battery

Designed and manufactured by ECELL BATTERIES, the HR Series is a high-performance energy solution specifically engineered for high-rate discharge applications like Data Centers and emergency UPS systems. Utilizing high-density lead plates and advanced grid designs, this maintenance-free series delivers up to 30% more power output than standard batteries in short-duration discharge cycles for mission-critical infrastructure.

Series	ECELL BATTERIES Model	Voltage V	Capacity (10HR) Ah	Nominal Rate (1.67V/25°C)	Dimension (mm)±1.5				Weight (kg) ±3%	Terminal	Type
					L	W	H	TH			
HR	HR1224W	12	6.6	24W/cell/15Min	151	65	94	100	2.14	F1/F2	High Rate
	HR1224W	12	5.3	24W/cell/15Min	90	70	101	107	1.89	F1/F2	High Rate
	HR1226W	12	6.5	26W/cell/15Min	151	65	94	100	2.09	F1/F2	High Rate
	HR1228W	12	7	28W/cell/15Min	151	65	94	100	2.25	F1/F2	High Rate
	HR1232W	12	7.5	32W/cell/15Min	151	65	94	100	2.39	F1/F2	High Rate
	HR1235W	12	7.8	35W/cell/15Min	151	65	94	100	2.51	F1/F2	High Rate
	HR1236W	12	8.5	36W/cell/15Min	151	65	94	100	2.47	F1/F2	High Rate
	HR1237W	12	7.5	37W/cell/15Min	151	65	94	100	2.71	F1/F2	High Rate
	HR1242W	12	8.5	42W/cell/15Min	151	65	95	101	2.84	F1/F2	High Rate
	HR1255W	12	13	55W/cell/15Min	151	98	95	101	3.79	F1/F2	High Rate
	HR1285W	12	18.6	85W/cell/15Min	181	77	167	167	6.10	L1/M5	High Rate
	HR12120W	12	38	120W/cell/15Min	197	165	175	175	11.70	M6	High Rate
	HR12160W	12	45	160W/cell/15Min	197	165	170	170	14.3	M6	High Rate
	HR12185W	12	55	185W/cell/15Min	229	138	205	211	16.30	M6	High Rate
	HR12215W	12	65	215W/cell/15Min	348	167	175	178	19.30	M6	High Rate
	HR12255W	12	70	255W/cell/15Min	348	167	178	178	21.50	M6	High Rate
	HR12300W	12	75	300W/cell/15Min	256	173	213	216	23.80	M6	High Rate
	HR12330W	12	80	330W/cell/15Min	293	173	213	216	26.80	M8	High Rate
	HR12350W	12	85	350W/cell/15Min	293	173	213	216	27.50	M8	High Rate
	HR12360W	12	100	360W/cell/15Min	330	173	213	216	30.10	M8	High Rate
	HR12370W	12	100	370W/cell/15Min	330	173	212	220	30.80	M8	High Rate
	HR12430W	12	100	430W/cell/15Min	330	173	213	216	32.10	M8	High Rate
	HR12460W	12	120	460W/cell/15Min	408	177	225	225	37.60	M8	High Rate
	HR12480W	12	115	480W/cell/15Min	379	174	214	217	40.60	M8	High Rate
	HR12510W	12	140	510W/cell/15Min	483	170	238	239	43.70	M8	High Rate
	HR12560W	12	145	560W/cell/15Min	483	170	238	239	46.60	M8	High Rate
	HR12605W	12	170	605W/cell/15Min	532	207	214	220	55.00	M8	High Rate
	HR12650W	12	170	650W/cell/15Min	532	207	214	220	55.60	M8	High Rate
	HR12700W	12	180	700W/cell/15Min	532	207	214	220	57.60	M8	High Rate
	HR12705W	12	180	705W/cell/15Min	532	207	214	220	59.10	M8	High Rate
HR12750W	12	185	750W/cell/15Min	532	207	214	220	59.60	M8	High Rate	
HR12800W	12	210	800W/cell/15Min	522	240	218	224	67.20	M8	High Rate	
HR12820W	12	215	820W/cell/15Min	522	240	218	224	69.20	M8	High Rate	
HR12845W	12	225	845W/cell/15Min	496	259	227	233	74.60	M8	High Rate	
HR12890W	12	235	890W/cell/15Min	496	259	227	233	77.20	M8	High Rate	
HR12950W	12	230	950W/cell/15Min	521	268	220	226	77.60	M8	High Rate	
HR121000W	12	250	1000W/cell/15Min	521	268	220	226	79.60	M8	High Rate	



SERIES PRODUCT

OPzV Series OPzS Series

- OPzV GEL Deep Cycle (Nano-silica gel electrolyte.) ✓
- OPzS Tubular battery (High-Purity Electrolytic Lead.) ✓
- Ultra-Long Design Life (over 20 Years @ 25°C.) ✓

Series	ECELL BATTERIES Model	Voltage V	Capacity (10HR) Ah	Dimension (mm)±1.5				Weight (kg)±3%	Terminal	Type
				L	W	H	TH			
				±1	±1	±2	±2			
OPzV	OPzV2-250	2	250	124	206	355	390	22.50	R6/M8*20	OPzV Tubular Gel
	OPzV2-300	2	300	145	206	356	390	26.50	R6/M8*20	OPzV Tubular Gel
	OPzV2-350	2	350	124	206	471	506	28.50	R6/M8*20	OPzV Tubular Gel
	OPzV2-420	2	420	145	206	471	506	33.50	R6/M8*20	OPzV Tubular Gel
	OPzV2-500	2	500	166	206	471	506	38.50	R6/M8*20	OPzV Tubular Gel
	OPzV2-600	2	600	145	206	646	681	47.00	R6/M8*20	OPzV Tubular Gel
	OPzV2-800	2	800	191	210	646	681	63.00	R6/M8*20	OPzV Tubular Gel
	OPzV2-1000	2	1000	233	210	646	681	77.50	R6/M8*20	OPzV Tubular Gel
	OPzV2-1200	2	1200	275	210	646	681	91.00	R6/M8*20	OPzV Tubular Gel
	OPzV2-1500	2	1500	275	210	646	681	112.00	R6/M8*20	OPzV Tubular Gel
	OPzV2-2000	2	2000	397	212	772	807	150.00	R6/M8*20	OPzV Tubular Gel
	OPzV2-2500	2	2500	487	212	772	807	188.50	R6/M8*20	OPzV Tubular Gel
OPzV2-3000	2	3000	576	212	772	807	225.00	R6/M8*20	OPzV Tubular Gel	
Series	ECELL BATTERIES Model	Voltage (V)	Capacity (10HR) Ah	Dimension (mm)±1.5				Weight (kg)±3%	Terminal	Type
				L	W	H	TH			
				±1	±1	±2	±2			
OPzS	OPzS2-200	2	200	103	206	355	410	12.90	R6/M8*20	OPzS Tubular Acid
	OPzS2-250	2	250	124	206	355	410	15.40	R6/M8*20	OPzS Tubular Acid
	OPzS2-300	2	300	145	206	355	410	17.80	R6/M8*20	OPzS Tubular Acid
	OPzS2-350	2	350	124	206	471	526	21.30	R6/M8*20	OPzS Tubular Acid
	OPzS2-420	2	420	145	206	471	526	24.50	R6/M8*20	OPzS Tubular Acid
	OPzS2-490	2	490	166	206	471	526	28.20	R6/M8*20	OPzS Tubular Acid
	OPzS2-600	2	600	145	206	471	526	33.40	R6/M8*20	OPzS Tubular Acid
	OPzS2-800	2	800	191	210	646	701	46.90	R6/M8*20	OPzS Tubular Acid
	OPzS2-1000	2	1000	233	210	646	701	57.40	R6/M8*20	OPzS Tubular Acid
	OPzS2-1200	2	1200	275	210	646	701	67.70	R6/M8*20	OPzS Tubular Acid
	OPzS2-1500	2	1500	275	210	795	825	83.80	R6/M8*20	OPzS Tubular Acid
	OPzS2-2000	2	2000	397	212	770	827	110.00	R6/M8*20	OPzS Tubular Acid
	OPzS2-2500	2	2500	487	212	772	827	139.40	R6/M8*20	OPzS Tubular Acid
OPzS2-3000	2	3000	576	212	772	827	164.80	R6/M8*20	OPzS Tubular Acid	

ECELL BATTERIES | Your Reliable Partner for High-Performance LiFePO4 & VRLA Batteries

At ECELL BATTERIES, our commitment to excellence is reflected in the high-purity materials at the core of our products. From the 99.996% high-purity electrolytic lead in our VRLA series to the brand-new Grade A cells in our LiFePO4 systems, we ensure maximum reliability through rigorous 100% OQC testing. Combined with robust export packaging and expert DG logistics, we deliver top-tier energy solutions in perfect condition to our partners worldwide.

■ Production & Craftsmanship



Battery Manufacturing and Charging



High-Purity Raw Materials



Export Pallet Loading

■ Quality Control & Testing



100% OQC Inspection



Advanced Laboratory Testing



Manufacturing Fully Automated LiFePO4 Battery

■ Packaging & Delivery



Professional DG Cargo Packaging



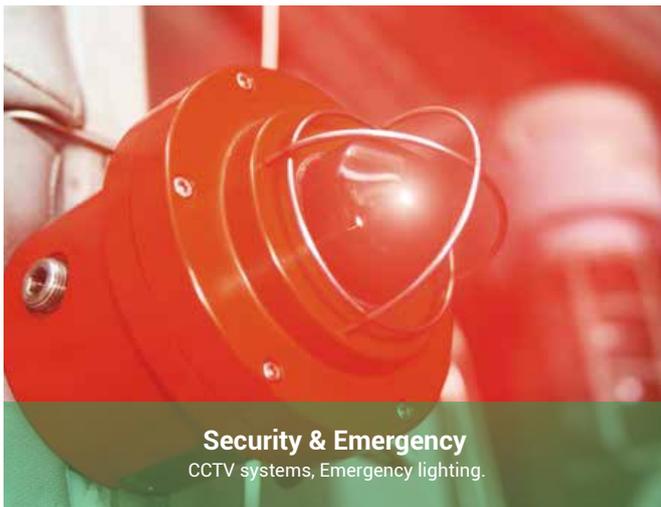
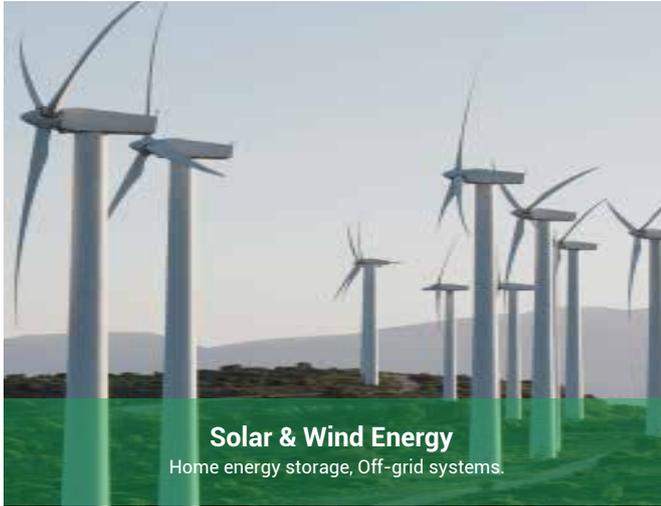
ECELL Batteris printing



High Quality Full Pallet Packaging

ECELL Batteries Applications

At ECELL BATTERIES, you can always rely on our professional team to provide the ideal power supply solutions tailored to your needs.



Telecom



Solar Power



UPS



Wind Power



Security



Golf Cart

Lead-Acid Battery(VRLA) vs. Lithium Battery(LiFePO4)

Which is Right for You



ECELL BATTERIES

At ECELL BATTERIES, we pride ourselves on being a premier manufacturer capable of delivering a full spectrum of energy storage solutions. Our expertise spans from high-performance Lithium Iron Phosphate (LiFePO4) systems to ultra-reliable Valve Regulated Lead-Acid (VRLA) batteries.

Our product line is constantly evolving with the latest technological advancements. Please contact our sales team today to receive our most up-to-date Product Catalog and detailed Data Sheets.

VRLA Battery



Feature	VRLA (Lead-Acid)	LiFePO4
Initial Cost	Low (Budget Friendly)	Higher (Premium)
Cycle Life	300 - 1200 Cycles	2000 - 6000+ Cycles
Weight	Heavy (100%)	Light (~40%-50% of VRLA)
Charging Time	Standard (8-10 Hours)	Fast (2-4 Hours)
Safety	Very Stable & Mature	Safe (Protected by BMS)
Best For	Backup Power, UPS	Solar, EV, Telecom

LiFePO4 Battery



Choose VRLA if
 You need a budget-friendly solution for standby applications (like UPS) where weight is not an issue.

Choose LiFePO4 if
 You need long cycle life for daily use (like Solar/RV) and lightweight portability.

Storage Guidelines & Maintenance Protocols

A. Storage Conditions



Temperature: Store in a cool, dry place. Avoid direct sunlight.
Ideal Range: 20°C - 25°C (68°F - 77°F)



VRLA (Lead-Acid)
 Store at 100% Full Charge
 (Prevent sulfation)



LiFePO4 (Lithium)
 Store at 50% - 80% SoC
 (Safety & longevity).

C. Visual Gallery



Battery

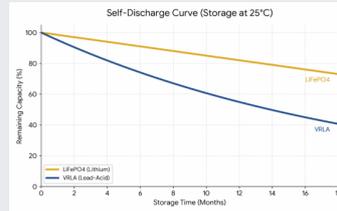
High-quality casing & terminals.



Installation

Professional Installation Standard.

B. Refresh Charging Schedule



Self-Discharge Management

Concept

All batteries self-discharge over time. Regular maintenance charging is mandatory.

Battery Type	Action Interval	Action Required
VRLA	Every 3-6 Months	Full Recharge
LiFePO4	Every 6-12 Months	Check Voltage & Recharge



CRITICAL WARNING

allowing voltage to drop below critical levels (e.g., 10.5V for 12V VRLA) may cause irreversible damage and void the warranty.

D. Maintenance Checklist

For VRLA (Lead-Acid Battery)

- Torque Check:** Ensure terminal tightness meets torque standards.
- Cleanliness:** Remove oxidation or corrosion from terminals.
- Physical Inspection:** Check for casing swelling, cracks, or leakage.

For LiFePO4 (Lithium Battery)

- BMS Status:** Monitor Battery Management System indicators.
- Firmware:** Ensure firmware is up to date (for smart models).
- Connection:** Check communication cables (if applicable).



Manufacturing Power

**200,000
PCS Per Month**

Monthly production capacity.



Global Logistics

DG Expert

20+ Years of experience in Dangerous Goods exports.



Quality Assurance

Total Control

From raw materials to final assembly. (30M RMB Capital.)



Certification

Certified Quality

ISO 9001/14001/45001, CE, RoHS, EN IEC certificate.



Telecom



Solar Power



UPS



Wind Power



Security



Golf Cart



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