



LEOCH VRLA BATTERY

LCP Series

EXP Technology



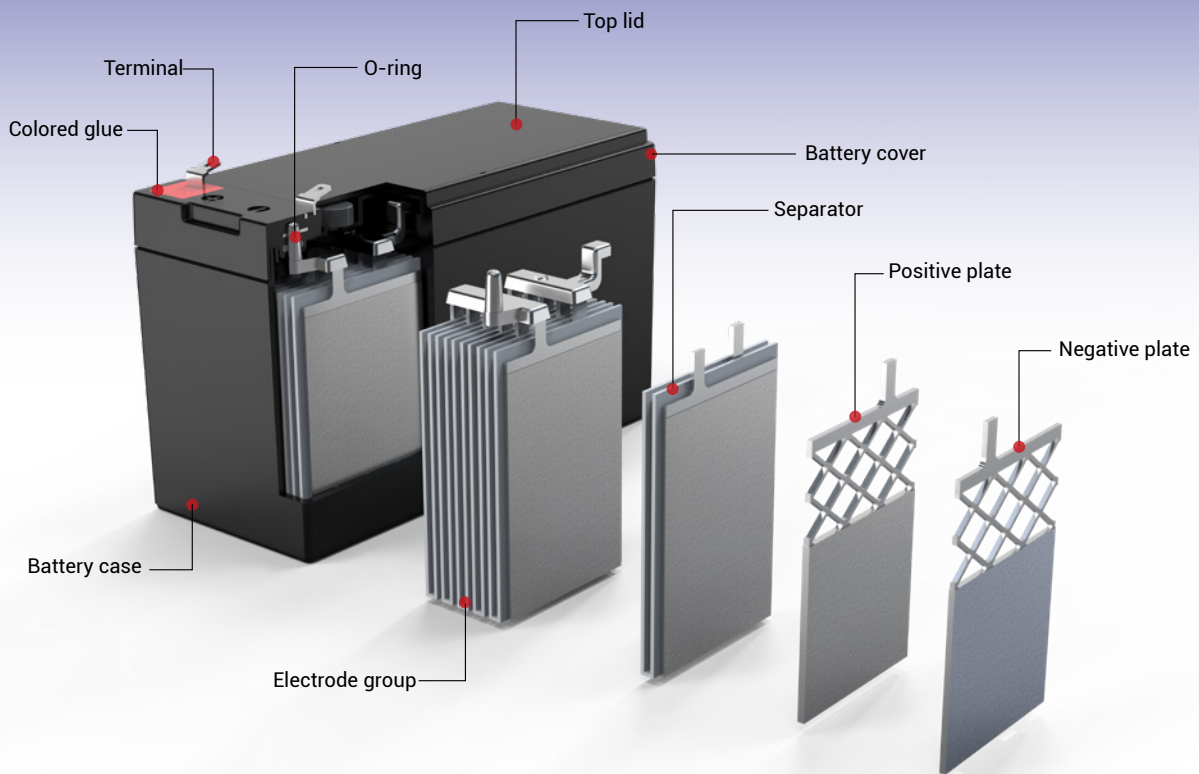
VRLA Battery - LCP Series

The LCP Series valve-regulated sealed lead-acid (VRLA) batteries are designed for a wide range of applications, including UPS systems, emergency lighting, automation and control systems, security systems, portable instruments, meters, and medical equipment.

Engineered for short-duration, high-power discharge, the LCP Series delivers high energy output in critical moments while maintaining a compact and robust design for easy transport and installation. Utilizing advanced VRLA technology and high-quality materials, the series offers excellent corrosion resistance and long-term stability, ensuring reliable operation in harsh environments while significantly reducing maintenance costs and operational risk.

EXP Technology

Featuring a specially engineered expanded-grid design that bonds active material more tightly to the plate. The EXP Technology delivers over 20% stronger high-current output with reduced internal stress, for safer, more consistent and more reliable performance throughout the battery's lifetime.



High-Rate Power When It Matters

EXP Technology delivers rapid energy release to support short-duration, high-power loads.



Consistent, Stable Performance Highly automated manufacturing and low plate weight variation ensure uniform output and long-term stability.



Enhanced Safety : Reduced internal stress at end of service life ensures reliable and risk-controlled operation.



Extended Service life Corrosion-resistant alloys and optimized lead paste deliver up to 5-year design life at 25 °C.



Low Self-Discharge

Extended storage life with no routine maintenance required.

Applications



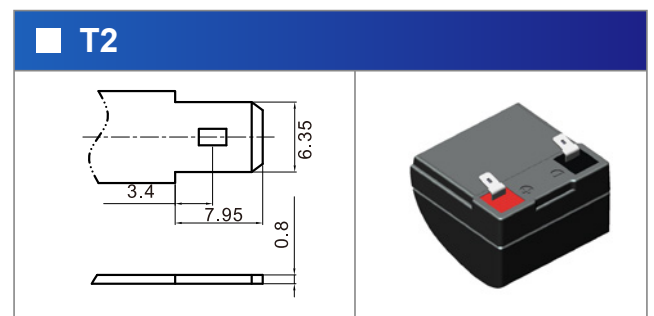
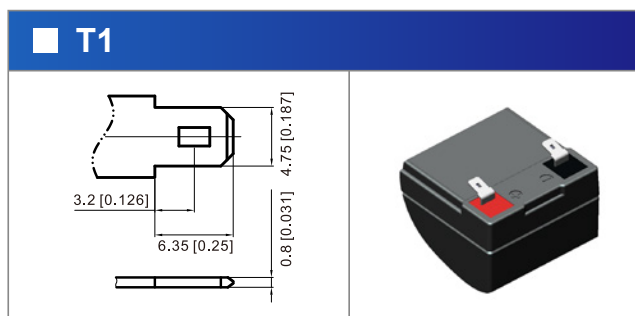
- Uninterruptible Power Supply (UPS)
- Renewable Energy Systems
- Medical Equipment
- Electronic Devices & Instruments
- Emergency Lighting Systems
- Security & Alarm Systems
- Automation & Control Systems



Specifications

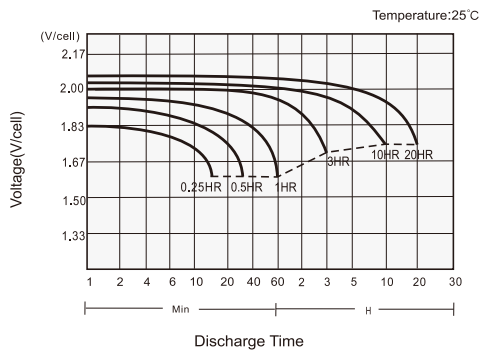
Model	Rated Voltage(V)	W15min @1.67V/cell	20hr @1.75V/cell	Dimensions(mm)				Gross Weight (kg)	Terminal
				L	W	H	TH		
LCP12-22W	12	22	7	151	65	93.5	99.5	1.79	T1/T2
LCP12-22W	12	22	7	151	65	93.5	99.5	2.06	T1/T2
LCP12-24W	12	24	7	151	65	93.5	99.5	2.09	T1/T2
LCP12-26W	12	26	7	151	65	93.5	99.5	2.15	T1/T2
LCP12-28W	12	28	7.5	151	65	93.5	99.5	2.17	T1/T2
LCP12-32W	12	32	8	151	65	93.5	99.5	2.22	T1/T2
LCP12-34W	12	34	9	151	65	93.5	99.5	2.26	T1/T2
LCP12-36W	12	36	9	151	65	93.5	99.5	2.31	T1/T2

Terminal

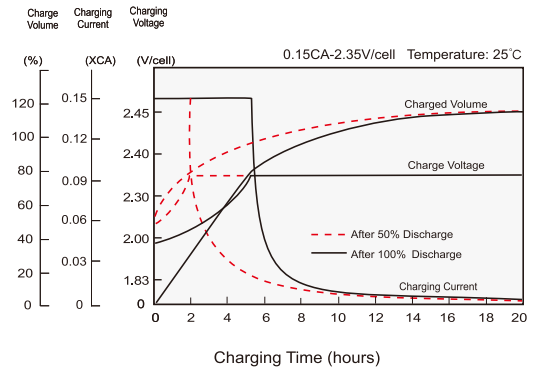


Characteristics curves

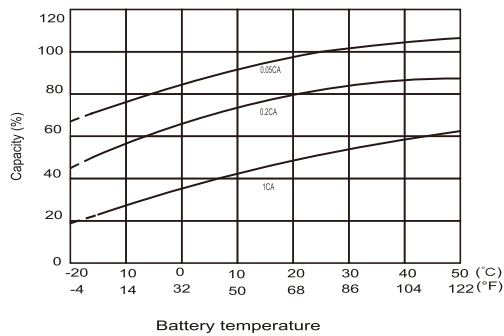
Discharge Characteristics



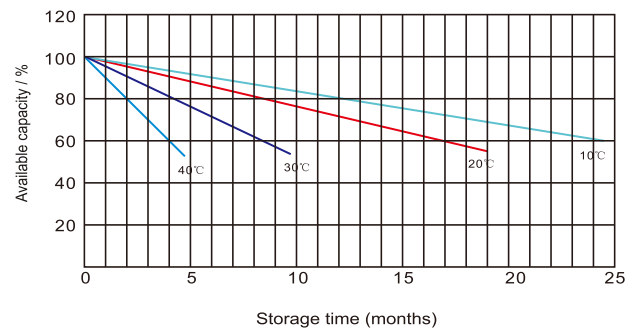
Charging Characteristics



Effects of Temperature on Capacity



Self Discharge Characteristics



ISO14001 / ISO9001 / ISO45001

+86-755-86036060(100lines)

enquiry@leoch.com

www.leoch.com

© LEOCH. All rights reserved. Trademarks and logos are the property of LEOCH and its affiliates unless otherwise noted. Subject to revisions without prior notice E&OE.



www.leoch.com



Facebook



LinkedIn