

LECXO®

LX-Series
MADE IN VIETNAM

LX3.4-6(6V3.4AH)

RECHARGEABLE SEALED LEAD-ACID BATTERY



UPS
SYSTEM



GENERAL
PURPOSE



EMERGENCY
LIGHTING



MEDICAL



FIRE &
SECURITY

APPLICATIONS

- All purpose
- Uninterruptible Power Supply (UPS)
 - Electric Power System (EPS)
- Emergency backup power supply
 - Alarm and security system
- Communication power supply
 - DC power supply
 - Auto control system

GENERAL FEATURES

- 7 years design life(25°C)
- Special exhaust structure and sealing technology, safe and reliable, flexible installation, convenient maintenance
- PbCaSn alloy for plate grids: less gassing, less self-discharging
- High quality AGM separator: extend cycle life and prevent micro short circuit
- High purity raw material: ensure low self discharge rate

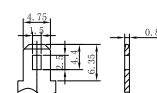
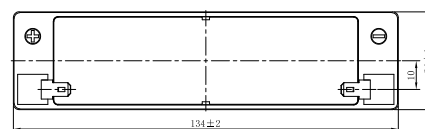
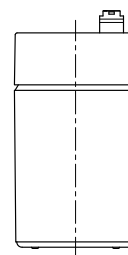
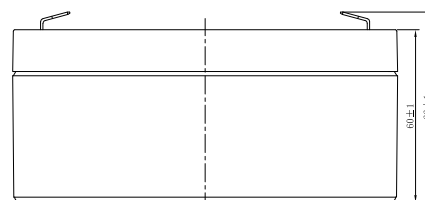
STANDARDS

- Compliance with IEC60896 standards, EU Battery Directive
- Manufactured with IATF16949, ISO 9001, ISO 14001 and ISO 45001 certified production facilities

SPECIFICATIONS

Rated Voltage		6V
Nominal Capacity	3.4Ah	(C ₂₀ ,1.75V/cell)
Dimension	Length	134±2 mm(5.28 inches)
	Width	34±1mm(1.34 inches)
	Container Height	60±1mm(2.36 inches)
	Total Height	66±1mm(2.60 inches)
Approx Weight		0.67 Kg (1.48 lbs)
Terminal		T1
Container Material		ABS
Rated Capacity(25°C)	3.4 Ah	(20hr,0.170A,1.75V/cell)
	3.03Ah	(10hr,0.303A,1.75V/cell)
	2.75Ah	(5hr,0.550A,1.75V/cell)
	2.391Ah	(3hr,0.797A,1.75V/cell)
	1.97Ah	(1hr,1.97A,1.60V/cell)
Max. Discharge Current		51A (5s)
Internal Resistance(25°C)		Approx30mΩ
Operating Temp. Range	Discharge	-15 ~50° C (5 ~122° F)
	Charge	-20 ~40° C (-4 ~104° F)
	Storage	-15 ~40° C (5~ 104° F)
National Operating Temp Range		25±3°C (77±5°F)
Cycle Use	Initial Charging Current less than 1.02A. Voltage 7.20V~7.50V at 25 °C(77°F)Temp. Coefficient -30mV/ °C	
Standby Use	Initial Charging Current less than 1.02A. Voltage 6.75V~6.90V at 25 °C(77°F)Temp. Coefficient -20mV/°C	
Effect of temp. to Capacity	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Self Discharge		
LX series batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required. For higher temperature s the time interval will be shorter.		

DIMENSIONS



T1

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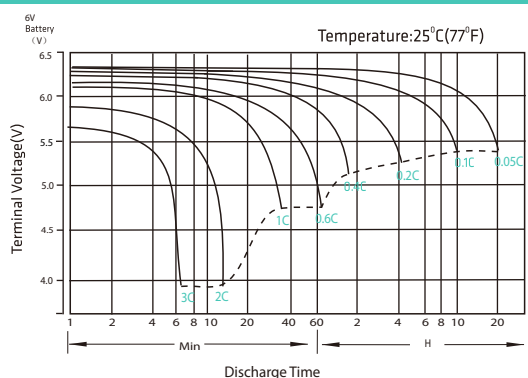


MEDICAL

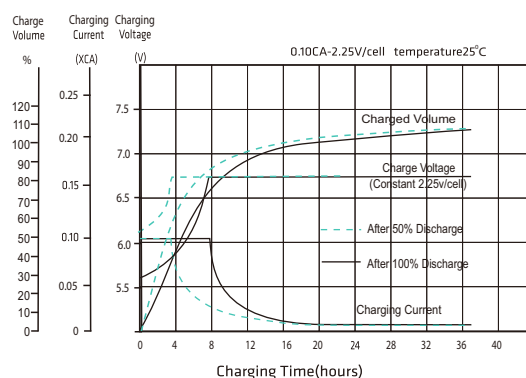


FIRE &
SECURITY

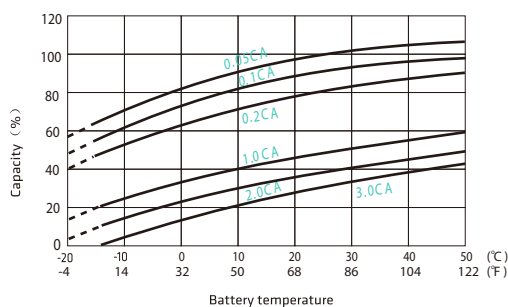
DISCHARGE CHARACTERISTICS



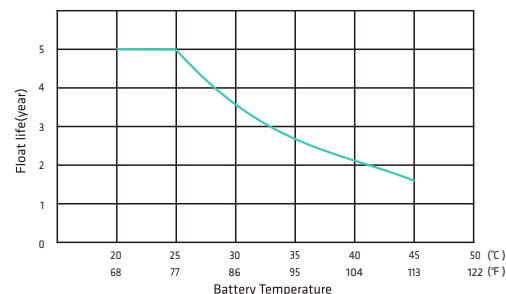
FLOAT CHARGING CHARACTERISTICS



TEMPERATURE EFFECTS IN RELATION TO BATTERY CAPACITY



FLOAT SERVICE LIFE



Constant Current Discharge (Amperes) at 25 °C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	9.69	6.73	5.23	4.26	3.14	2.26	1.77	1.33	1.05	0.773	0.623	0.536	0.459	0.362	0.295	0.166
1.80V/cell	10.4	7.13	5.49	4.43	3.23	2.32	1.82	1.35	1.08	0.785	0.632	0.544	0.466	0.367	0.300	0.168
1.75V/cell	11.0	7.41	5.68	4.55	3.31	2.37	1.86	1.37	1.10	0.797	0.640	0.550	0.472	0.371	0.303	0.170
1.70V/cell	11.4	7.72	5.86	4.68	3.40	2.42	1.89	1.40	1.11	0.809	0.649	0.559	0.477	0.375	0.305	0.171
1.67V/cell	11.9	7.93	6.01	4.78	3.46	2.46	1.92	1.42	1.12	0.817	0.656	0.563	0.482	0.378	0.308	0.173
1.60V/cell	12.6	8.27	6.22	4.92	3.55	2.52	1.97	1.44	1.14	0.832	0.667	0.572	0.488	0.383	0.312	0.175

Constant Power Discharge (Watts/cell) at 25 °C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	18.3	12.8	10.1	8.20	6.05	4.38	3.46	2.58	2.07	1.52	1.23	1.06	0.905	0.717	0.588	0.333
1.80V/cell	19.5	13.4	10.4	8.48	6.22	4.48	3.53	2.62	2.09	1.54	1.24	1.07	0.923	0.727	0.595	0.336
1.75V/cell	20.3	13.9	10.7	8.67	6.35	4.56	3.59	2.67	2.13	1.56	1.26	1.09	0.933	0.734	0.601	0.340
1.70V/cell	21.0	14.4	11.1	8.87	6.48	4.64	3.65	2.71	2.16	1.58	1.27	1.10	0.942	0.741	0.606	0.343
1.67V/cell	21.6	14.7	11.2	9.03	6.58	4.71	3.69	2.73	2.18	1.59	1.28	1.11	0.951	0.746	0.611	0.345
1.60V/cell	22.5	15.1	11.6	9.23	6.73	4.79	3.76	2.78	2.21	1.62	1.30	1.12	0.960	0.756	0.617	0.349