

*Power You Can
Depend On*



LBTY 2V Series

Valve Regulated Lead Acid

—— *Wider Range & Higher Capacity*



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LBTY 2V Series

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Valve Regulated Lead Acid Battery For Standby Power Applications



Applications

- Telecom control system
- Uninterrupted Power Supply (UPS)
- Metro and assistant system
- Marine equipment
- Electric power systems
- Power plant
- Hospital and medical equipment
- Fire alarm applications
- Alarm and safety system

Features

- Design life:15 years
- High quality design insurance
- Pb-Ca Alloy for positive plate grid
- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance
- Lower self-discharge rate (about 3% per month @25°C)
- UL-recognized component
- Flame retardant container materials,complied with materials UL94 V-0
- Not restricted for air transport-Complies with IATA/ICAO Specia Provisions A67
- Not restricted for surface transport - Classified as non-hazardous material as related to DOT-CFR 49 Title 49 parts 171-189
- Not restricted for water transport - Classified as non-hazardous material per IMDG Amendment 27
- Manufactured in accordance with ISO 9001, ISO 14001, and ISO 45001
- Designed to be compliant with international standard IEC 60896-21/22

Specifications

Model	V	Capacity/Ah (C10,1.80V@25°C)	Dimensions (mm)				Weight / Kg	Terminal Type(Bolt)	Resistance/ mΩ
			L	W	H	TH			
C&D 2-200LBT	2	200	170	106	330	345	12.4	Insert(M10)	0.74
C&D 2-300LBT	2	300	170	150	330	345	17.8	Insert(M10)	0.56
C&D 2-400LBT	2	400	196	171	330	345	23.6	Insert(M10)	0.48
C&D 2-500LBT	2	500	241	171	330	345	29.3	Insert(M10)	0.38
C&D 2-600LBT	2	600	286	171	330	345	35.2	Insert(M10)	0.37
C&D 2-800LBT	2	800	383	171	330	345	47.1	Insert(M10)	0.34
C&D 2-1000LBT	2	1000	471	171	330	345	58.8	Insert(M10)	0.30
C&D 2-1200N LBT	2	1200	471	171	330	345	73.5	Insert(M10)	0.29
C&D 2-1500N LBT	2	1500	336	288	330	345	90.0	Insert(M10)	0.28
C&D 2-2000LBT	2	2000	476	337	330	345	117.0	Insert(M10)	0.26
C&D 2-2500N LBT	2	2500	476	337	330	345	148.0	Insert(M10)	0.24
C&D 2-3000LBT	2	3000	696	340	330	345	185.0	Insert(M10)	0.23

*Batteries to be mounted with 15mm spacing minimum and free air ventilation.

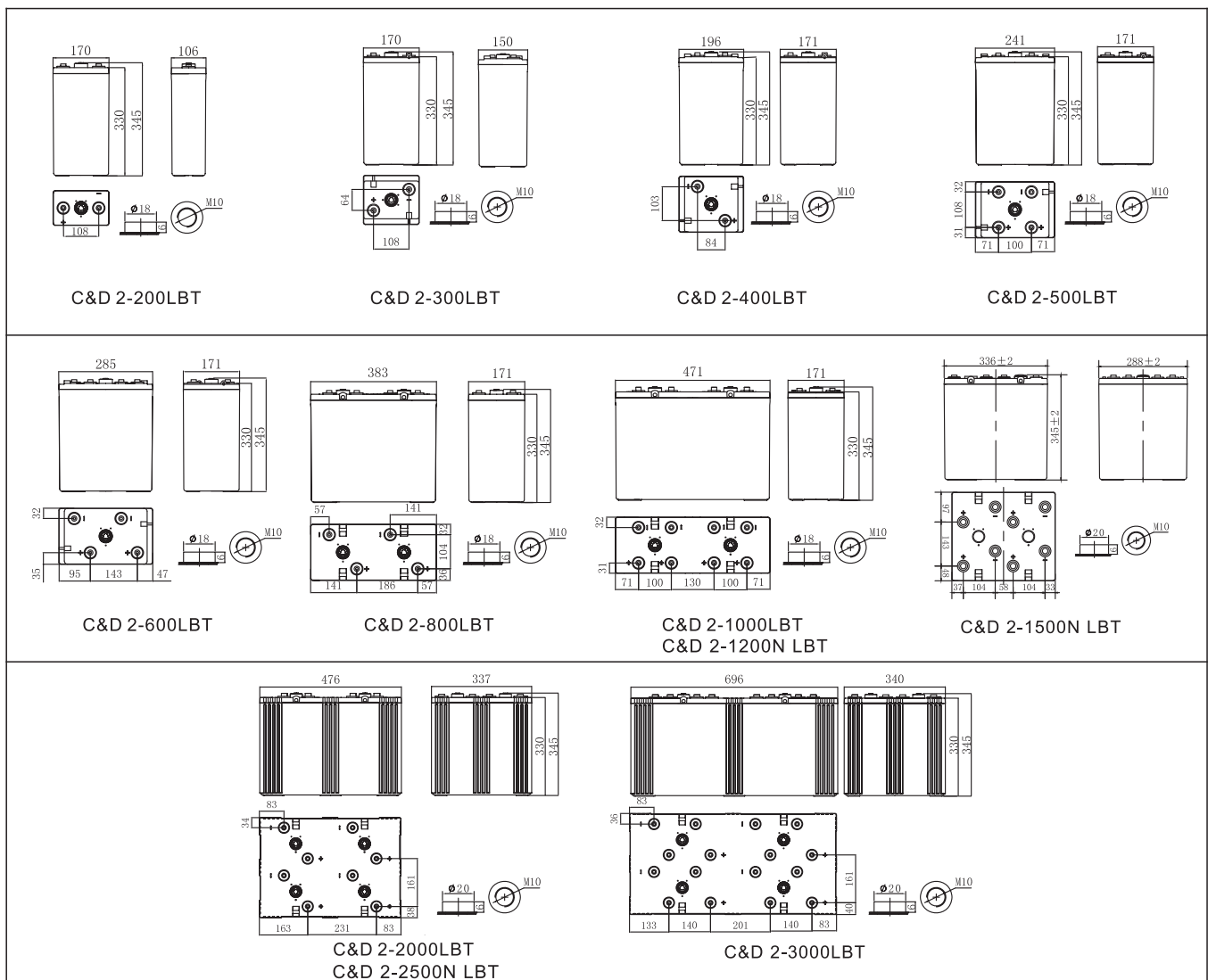
Il dimensions are for reference only. Specifications subject to change without notification.

The design life listed indicates the service life under ideal service conditions. Changes in service conditions do not affect the design life, but the actual service life may be shorter than the design life.

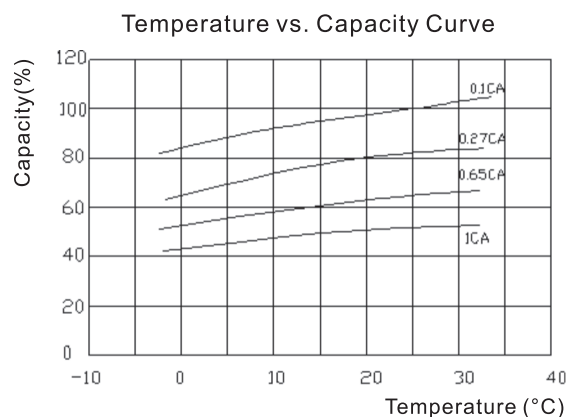
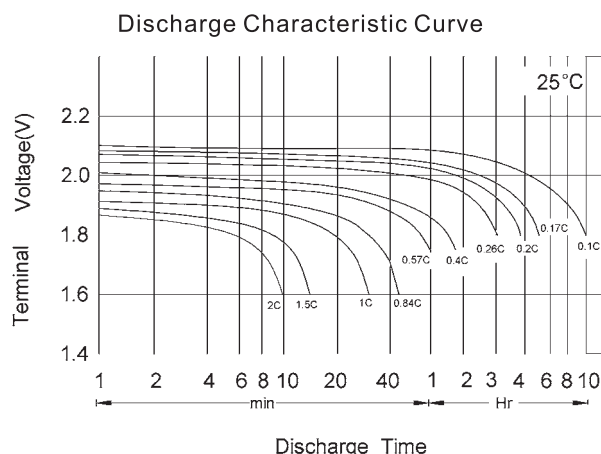
Specifications

Operating Temperature Range with Temperature Compensation	Discharge: -40°C to 50°C Charge: -20°C to 50°C Storage: -20°C to 40°C
Nominal Operating Temperature Range	25°C±2°C
Float Charging Voltage	2.23 to 2.27V per cell average at 25°C
Equalization and Cycle Service Charging Voltage	2.30 to 2.35 V per cell average at 25°C
Self Discharge	Battery may be stored for up to 4 months at 25°C, and self-discharge ratio less than 3% per month at 25°C. Please charge the batteries before using.
Accessories (optional)	Inter unit connectors, racks and cabinet systems are available
Terminal	Thread inserted terminal to accept M10 bolt
Container materials	UL 94 V-0

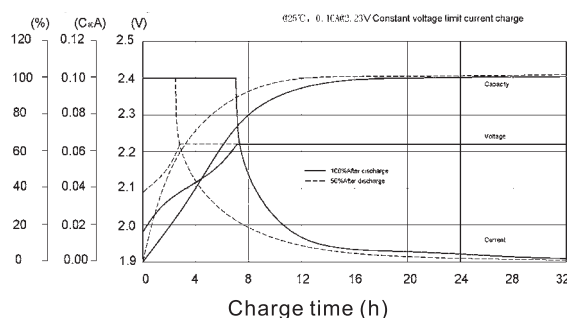
Product Dimensions



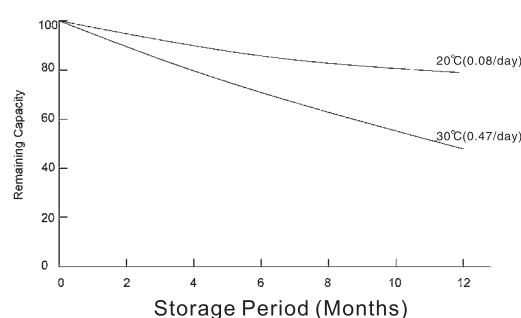
Battery Performance Curve



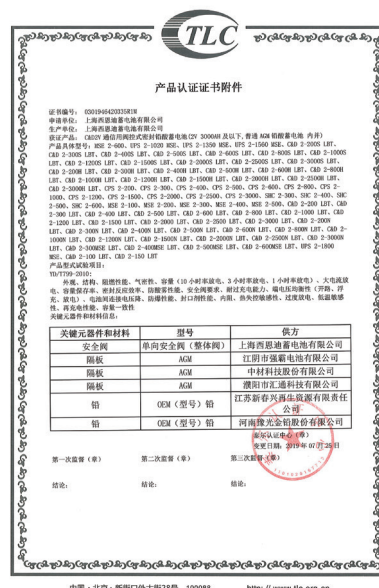
Charge characteristic Curve for Standby Use



Storage Characteristic



*All data shall be changed without prior notice, C&D reserves the right to explain and update the information contained hereinto.



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C&D reserves the right to revise the data and information provided in this catalogue.