



# C&D 12-9A LBT

## VALVE REGULATED LEAD ACID BATTERY FOR STANDBY POWER APPLICATIONS



**12V 9 AH @ 20 HR Rate,**

**12V 33 Watts/Cell @ 15 Min Rate**

### FEATURES

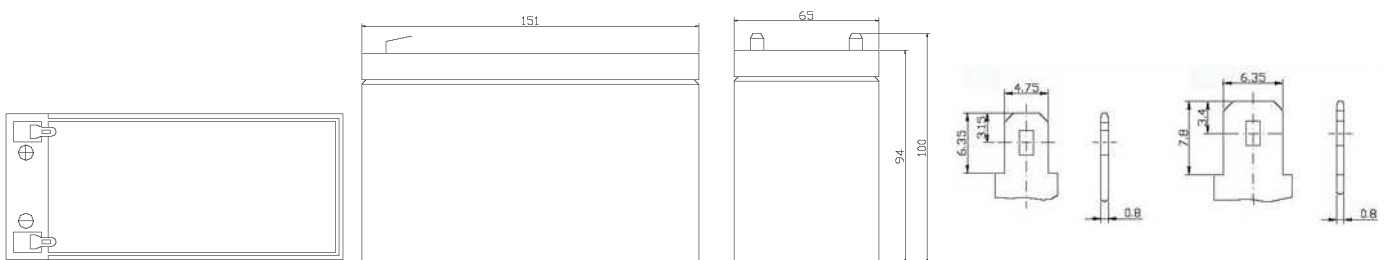
#### APPLICATIONS

- Telecommunications
- General Purpose Applications
- Uninterrupted Power Supply (UPS)
- Other Float Applications

- Design life: 5 years
- Flame-arresting one-way pressure-relief vent for safety and long life.
- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance.
- Multicell design for economy of installation and maintenance.
- Computer designed lead, low Calcium alloy grid for minimal gassing and ease of recycling.
- UL-recognized component.
- Can be used in upright, side, or end mounting orientation.
- Not restricted for air transport – Complies with IATA/ICAO Special Provision A67.
- Not restricted for surface transport – classified as non-hazardous material as related to DOT-CFR Title 49 parts 171-189
- Not restricted for water transport – classified as non-hazardous material per IMDG Amendment 27

### SPECIFICATIONS

Cells Per Unit	Voltage	Weight	IEC Rating (C10, 1.80V @ 20°C)	Capacity (C20, 1.75V @ 25°C)	Short Circuit Current	Resistance
6	12 V	2.55 Kg	8 Ah	9 Ah	225 Amps	18 (mΩ)



\* All dimensions are in mm. All dimensions are for reference only. Contact a C&D Representative for complete dimensional information.

## SPECIFICATIONS

Operating Temperature Range	Discharge: -20°C to 60°C; Charge: 0°C to 50°C; Storage: -20°C to 60°C
Recommended Operating Temperature Range	25°C ± 5°C
Floating Charging Voltage	13.7 to 13.9 VDC/unit Average at 25°C
Recommended Maximum Charging Current Limit	2.7A
Equalization and Cycle Service Charging Voltage	14.6 to 14.8 VDC/unit Average at 25°C
Maximum Discharging Current Limit	90A (5 Sec)
Self Discharge	Batteries may be stored for up to 6 months at 25°C, and self-discharge rate less than 3% per month. Please charging the battery before using.
Accessories	Inter unit connectors, racks and cabinet systems are available
Terminal	Faston Tab 187/ Faston Tab 250
Container and Cover Material	ABS(UL94 HB)

### Constant Power Discharge Table - Watts Per Cell @ 25°C (77°F)

#### Operating Time to End Point Voltage

EPV	5 min	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	2 hr	3 hr	4 hr	5 hr	8 hr	10 hr	12 hr	20 hr
1.85	43.0	33.2	27.3	26.0	20.9	18.2	13.1	11.1	8.4	6.38	4.40	3.56	2.88	1.82	1.50	1.25	0.67
1.80	48.8	35.7	29.0	26.8	21.5	18.7	13.4	11.3	8.5	6.62	4.49	3.59	2.91	1.83	1.53	1.26	0.68
1.75	54.1	38.2	30.7	27.5	22.1	19.2	13.6	11.5	8.5	6.68	4.55	3.61	2.94	1.84	1.55	1.28	0.74
1.70	59.3	39.8	32.4	27.8	22.4	19.6	13.9	11.7	8.6	6.73	4.57	3.64	2.98	1.86	1.57	1.30	0.76
1.67	62.3	41.5	33.0	28.2	22.7	19.7	14.1	11.8	8.6	6.77	4.58	3.68	3.01	1.88	1.59	1.31	0.78
1.65	63.1	42.0	33.3	28.5	23.0	20.0	14.3	11.9	8.7	6.78	4.59	3.68	3.02	1.88	1.59	1.31	0.79

### Constant Current Discharge Table - Amps @ 25°C (77°F)

#### Operating Time to End Point Voltage

EPV	5 min	10 min	15 min	30 min	60 min	90 min	2 hr	3 hr	4 hr	5 hr	6 hr	7 hr	8 hr	10 hr	12 hr	20 hr	24 hr
1.90	28.8	16.2	15.0	7.8	5.0	3.7	2.90	2.02	1.66	1.36	1.16	1.02	0.91	0.77	0.67	0.40	0.33
1.85	20.9	16.2	13.4	8.7	5.5	4.1	3.19	2.23	1.82	1.50	1.24	1.09	0.97	0.82	0.70	0.41	0.35
1.80	24.2	17.8	14.6	9.1	5.6	4.2	3.33	2.27	1.84	1.51	1.28	1.10	0.98	0.84	0.72	0.43	0.36
1.75	27.2	19.2	15.5	9.4	5.7	4.3	3.36	2.30	1.85	1.53	1.31	1.11	0.99	0.85	0.73	0.45	0.38

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