

DCM0035L



DEEP CYCLE MOBILITY



DCM0035L VALVE-REGULATED LEAD-ACID BATTERY FOR DEEP-CYCLE APPLICATIONS

FEATURES

- Robust plate for extended cycle life
- Computer-generated grid design optimized for high-power density
- Low-calcium grid alloy for reduced gas emissions and ease of recycling
- Flame-arresting, one-way pressure-relief vent for safety and long life
- UL-recognized component
- Multicell design for economy of installation and maintenance
- Case and cover available in standard polypropylene
- Thermally welded case-to-cover bond to eliminate leakage
- Removable handles
- Can be used in any orientation: upright, side or end mounting recommended
- Longest cycle life available
- Absorbed Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance
- Not restricted for air transport — complies with IATA/ICAO Special Provision A67
- Not restricted for surface transport — classified as nonhazardous material as related to DOT-CFR Title 49 parts 173.159
- Not restricted for water transport — classified as nonhazardous material per IMDG Amendment 27
- Manufactured by an ISO9001 certified facility

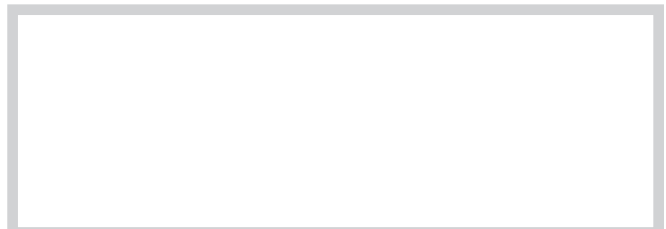
12 Volts — 35 Amp-Hour
Capacity @ 20-Hour Rate

Ampere-Hour Capacity to 1.75 Volts per Cell @ 77° F (25° C) 10.5 Volts per 12 Volt Battery

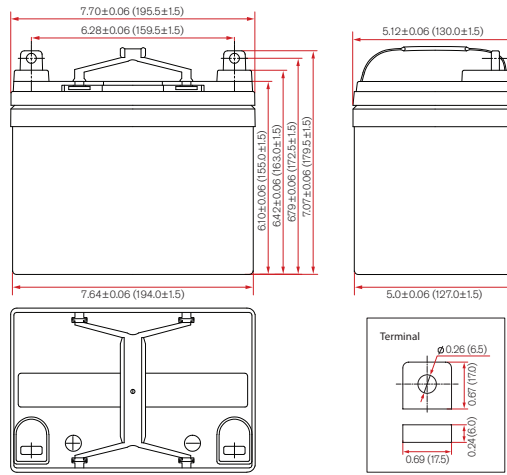
	Approximate Discharge in Hours			
	20	10	5	1
Amp-Hour Capacity	35	33	26.5	18

Interstate Battery System International, Inc.

12770 Merit Drive, Suite 1000
Dallas, TX 75251
Customer Service: 1-888-772-3600



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*All dimensions in inches and (millimeters).
All dimensions are for reference only.
Contact an Interstate representative for complete dimensional information.

DCM0035L Specifications

Cells Per Unit	Voltage Per Unit	Weight	Electrolyte	Max. Discharge Current	Short Circuit Current	Ohms Imped. 60 Hz
6	12	24.3 lbs. 11 kg	Absorbed H ₂ SO ₄ SG = 1.30	175 Amps	525 Amps @ 0.1 sec.	10 mΩ

Capacity	35 Ah @ 20 hr. rate to 1.75 volts per cell @ 77°F (25°C)
Operating Temperature Range (with temperature compensation)	Discharge: -40°F (-40°C) to +160°F (71°C) Charge: -10°F (-23°C) to +140°F (60°C)
Recommended Operating Temperature Range	+74°F (23°C) to +80°F (27°C)
Equalization and Cycle Service Charging and Current Limits	≤ 14 A, 14.5 V – 14.9 V
Float Voltage	13.5 – 13.8
Self Discharge	Interstate batteries may be stored for up to six months at 77°F (25°C), and then a freshening charge is required. For higher temperatures, the time interval will be shorter.
Terminal	L-shaped: flat lead bolt through (hardware included)

Constant Current Discharge Ratings

		Amperes @ 77° F (25° C)											
End Point Volts/Cell	A: Amps W: Watts	5 min.	10 min.	15 min.	30 min.	1 hr.	2 hr.	3 hr.	4 hr.	5 hr.	8 hr.	10 hr.	20 hr.
9.60V	A	122	89	63	38	19.8	12	8.5	6.6	5.4	3.8	3.5	1.9
	W	1297	946	666	403	229	134	98	76	63	44	40	21.7
10.20V	A	108	81	56	36	18.6	11	8.3	6.4	5.3	3.8	3.4	1.8
	W	1194	901	623	399	216	128	96	75	62	43	39	21.1
10.50V	A	104	77	53	35	18	10.8	8.1	6.3	5.3	3.7	3.3	1.8
	W	1175	876	599	397	209	125	93	73	61	43	39	20.9
10.80V	A	100	73	50	34	17	10.5	7.9	6.2	5.1	3.6	3.3	1.8
	W	1160	853	576	396	203	122	91	72	60	42	38	20.7
11.10V	A	96	69	46	33	17	10.2	7.6	6	5	3.5	3.1	1.7
	W	1139	825	550	393	200	122	90	71	60	42	37	20.1

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