

DCM0035



DEEP CYCLE MOBILITY



DCM0035 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

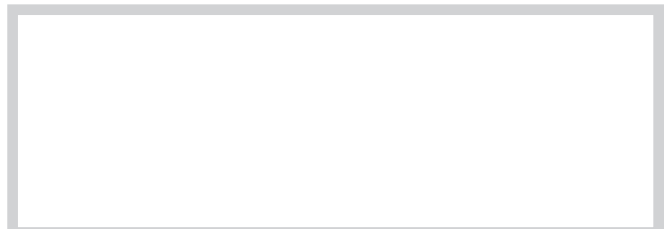
12 Volts — 35 Amp-Hour
Capacity @ 20-Hour Rate

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

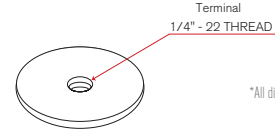
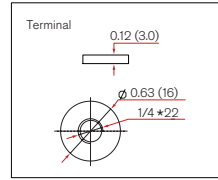
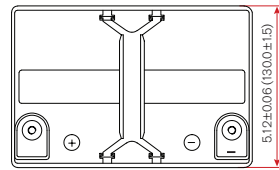
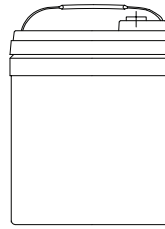
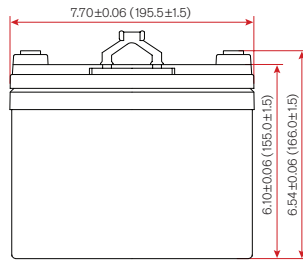
	Approximate Discharge in Hours			
	20	10	5	1
Amp-Hour Capacity	35	33	26.5	18

Interstate Battery System International, Inc.

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



DCM0035



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

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DCM0035 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	Insert, threaded female, 1/4" - 22 (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