

DCM0012



DEEP CYCLE MOBILITY



DCM0012 VALVE-REGULATED LEAD-ACID BATTERY FOR DEEP-CYCLE APPLICATIONS

FEATURES

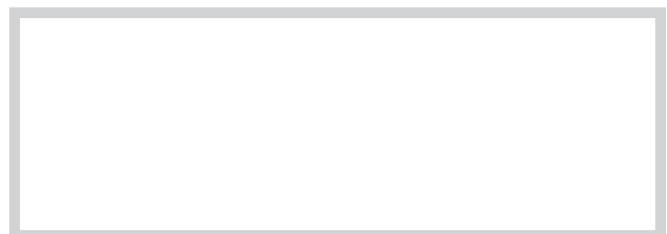
- Robust plate for extended cycle life
- Computer-generated grid design optimized for high-power density
- Low-calcium grid alloy for reduced gas emissions and ease of recycling
- Flame-arresting, one-way pressure-relief vent for safety and long life
- UL-recognized component
- Multicell design for economy of installation and maintenance
- Case and cover available in standard polypropylene
- Thermally welded case-to-cover bond to eliminate leakage
- 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 — 12 Amp-Hour
Capacity @ 20-Hour Rate

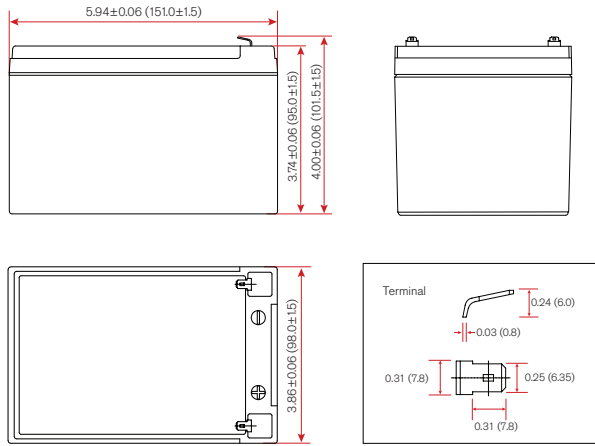
Ampere-Hour Capacity to 1.75 Volts per Cell @ 77° F (25° C) 10.5 Volts per 12 Volt Battery

	Approximate Discharge in Hours			
	20	10	5	1
Amp-Hour Capacity	12	11	10	6.5

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.

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DCM0012 Specifications

Cells Per Unit	Voltage Per Unit	Weight	Electrolyte	Max. Discharge Current	Short Circuit Current	Ohms Imped. 60 Hz
6	12	8.4 lbs. 3.8 kg	Absorbed H ₂ SO ₄ SG = 1.30	60 Amps	180 Amps @ 0.1 sec.	20 mΩ

Capacity	12 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	≤ 1.8 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	0.250" Fast-on tab

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	48	32.4	22.8	13.8	7.2	4.2	3.1	2.5	2.1	1.4	1.1	0.6
	W	509.5	344	242	146.5	83	48.6	35.8	28.7	24.4	16.1	13.2	7.2
10.20V	A	43.2	29.5	20.5	13.1	6.8	4	3	2.4	2.1	1.4	1.1	0.6
	W	479.5	327	227.5	145.5	78	46.7	34.8	27.8	23.9	15.8	12.9	7
10.50V	A	40.9	28.1	19.2	12.7	6.5	4	3	2.3	2	1.4	1.1	0.6
	W	463	318	217.5	144	75.7	45.8	34.2	26.4	23.8	15.7	12.8	7
10.80V	A	38	26.6	18	12.4	6.3	3.9	2.9	2.2	2	1.3	1.1	0.6
	W	442	309	209.5	143.5	73.5	44.8	33.8	26.1	22.7	15	12.5	6.8
11.10V	A	36	25.2	16.8	12	6.1	3.8	2.8	2.2	1.9	1.3	1.1	0.6
	W	428.5	299.5	199.5	142.5	72.5	44.5	32.8	26	2.2	14.5	12.3	6.8