

DCM0055U



DEEP CYCLE MOBILITY



DCM0055U 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
- Carrying 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

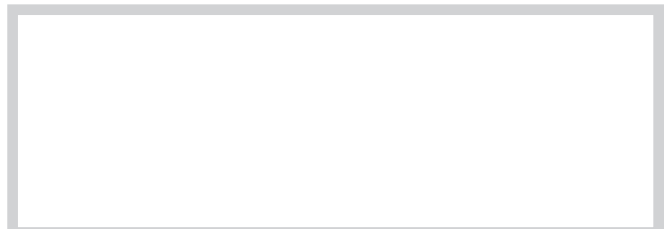
12 Volts — 55 Amp-Hour
Capacity @ 20-Hour Rate

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

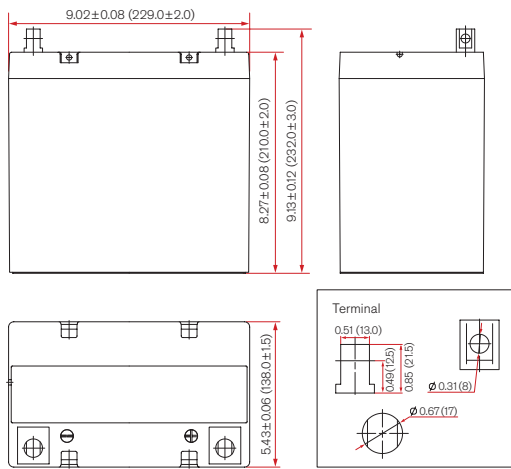
	Approximate Discharge in Hours			
	20	10	5	1
Amp-Hour Capacity	55	49	39.5	27.2

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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DCM0055U Specifications

Cells Per Unit	Voltage Per Unit	Weight	Electrolyte	Max. Discharge Current	Short Circuit Current	Ohms Imped. 60 Hz
6	12	36.4 lbs. 16.5 kg	Absorbed H ₂ SO ₄ SG = 1.30	275 Amps	825 Amps @ 0.1 sec.	8 mΩ

Capacity	55 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	≤22 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	Universal: semi-round bolt through (hardware included)

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	182.8	133.4	93.9	56.8	29.6	17.3	12.7	9.9	8.2	5.7	5.2	2.8
	W	1940.9	1465.7	996.9	603.2	343.3	200.1	147.2	114.6	94.4	66.7	60.3	32.5
10.20V	A	161	121.5	84	53.8	27.9	16.5	12.4	9.6	8	5.6	5	2.75
	W	1787.8	1349.1	932.2	597.7	322.6	191.2	143.3	111.6	74.1	65.2	58.8	31.6
10.50V	A	155.1	115.6	79	52.4	27.2	16.1	12.1	9.5	7.9	5.6	4.9	2.75
	W	1759.1	1311.1	896.1	593.8	312.2	186.7	139.8	109.7	91.4	64.7	57.8	31.2
10.80V	A	149.2	109.7	74.1	50.9	26.2	15.7	11.8	9.3	7.7	5.4	4.9	2.7
	W	1736.4	1276.5	862.5	592.3	303.8	182.8	136.8	107.7	89.9	63.2	57.3	31.1
11.10V	A	143.3	103.7	69.2	49.4	25.2	15.3	11.4	9	7.5	5.3	4.7	2.5
	W	1704.8	1234.5	823	587.9	299.9	182.3	135.4	107.2	89.4	62.7	55.8	30.1