

DCM0018



DEEP CYCLE MOBILITY



DCM0018 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

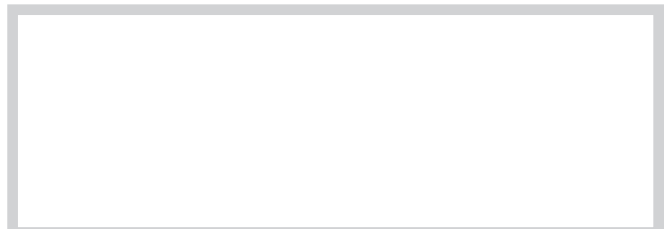
12 Volts — 18 Amp-Hour
Capacity @ 20-Hour Rate

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	18	17	15.5	9.8

Interstate Battery System International, Inc.

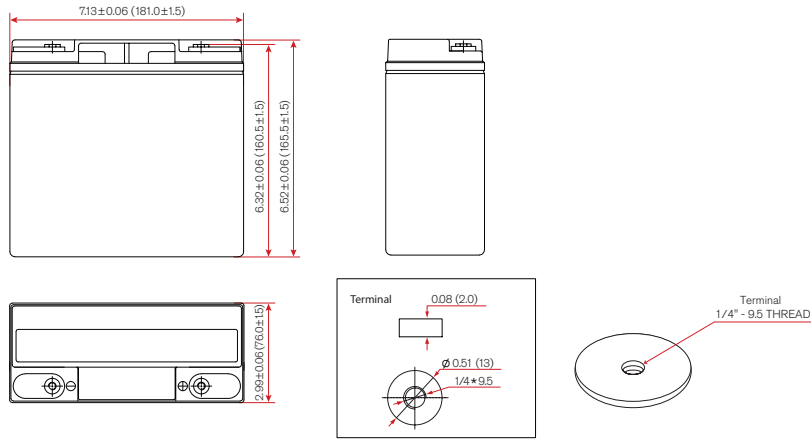
12770 Merit Drive, Suite 1000
Dallas, TX 75251
Customer Service: 1-888-772-3600



DCM0018



Outrageously Dependable™



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

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DCM0018 Specifications

Cells Per Unit	Voltage Per Unit	Weight	Electrolyte	Max. Discharge Current	Short Circuit Current	Ohms Imped. 60 Hz
6	12	13.2 lbs. 6 kg	Absorbed H ₂ SO ₄ SG = 1.30	90 Amps	270 Amps @ 0.1 sec.	12 mΩ

Capacity	18 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	≤ 7.2 A, 14.5 - 14.9 volts
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, 1/4" - 9.5 (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	72	48.6	34.2	20.7	10.8	6.3	4.6	3.7	3.2	2.1	1.7	0.9
	W	764.2	516	363	219.7	124.5	72.9	53.6	43.1	36.5	24.1	19.7	10.8
10.20V	A	64.8	44.3	30.8	19.7	10.1	6	4.5	3.6	3.1	2.1	1.7	0.9
	W	719.2	490.5	341.2	218.3	117	70	52.1	41.7	35.9	23.7	19.4	10.5
10.50V	A	61.3	42.1	28.8	19.1	9.8	5.9	4.4	3.4	3.1	2	1.7	0.9
	W	694.5	477	326.3	216	113.5	68.6	51.2	39.6	35.6	23.5	19.2	10.4
10.80V	A	57	39.9	27	18.8	9.5	5.8	4.4	3.4	2.9	2	1.6	0.9
	W	663	463.5	314.2	215.2	110.3	67.2	50.6	39.1	34.1	22.5	18.8	10.2
11.10V	A	54	37.8	25.2	18	9.2	5.6	4.1	3.3	2.8	1.9	1.6	0.9
	W	642.7	449.2	299.3	213.8	108.8	66.7	49.1	39	33.3	21.8	18.4	10.1