

DCM-12900- G27

**Deep Cycle AGM
DCM Series - Deep Cycle Marine**



Deep cycle AGM batteries are engineered for long runtimes, repeated cycling, and exceptional reliability. With a rugged plate design and AGM separators, they deliver dependable performance and long cycle life, making them ideal for marine, mobility, renewable energy, and other demanding applications.

Configuration Options

- DCM-12900-G27 SAE/M8

Performance Specs

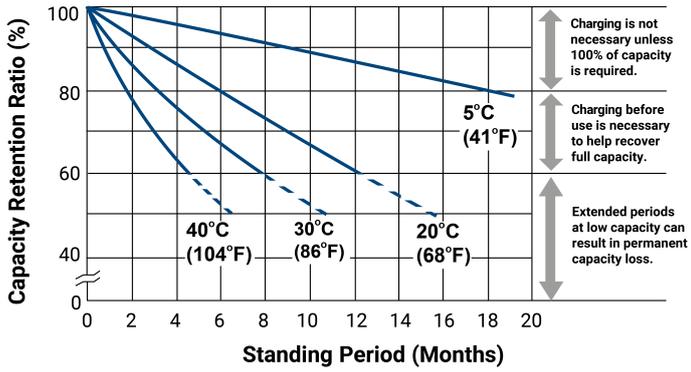
Nominal Voltage	12.0 Volts, (6.0 cells)
Nominal Capacity	
20-hr. Ah (A to Volts)	92.0Ah
10-hr. Ah (A to Volts)	Ah
5-hr. Ah (A to Volts)	Ah
1-hr. Ah (A to Volts)	Ah
Approximate Weight	28.5lbs, (62.84kg)
VDS Weight	lbs, (kg)
Dimensions	L: 12.05in, 306.0mm
+/- 0.04 in. (+/- 1mm) for length and	W: 6.61in, 168.0mm
width +/- 0.08 in. (+/- 2mm) for	H: 8.19in, 208.0mm
height dimensions	TH: 9.11in, 232.0mm
Internal Resistance (approx.) mΩ	mΩ
Max Short Circuit Discharge Current	A
Operating Temperature Range	
Charge	5°F (-15°C) to 104°F (40°C)
Discharge	-4°F (-20°C) to 122°F (50°C)
Case	ABS Plastic Rated to UL94:HB
Recommended Power-Sonic Charger	PSC-126000ACX

Available Terminals (mm)

Graphs

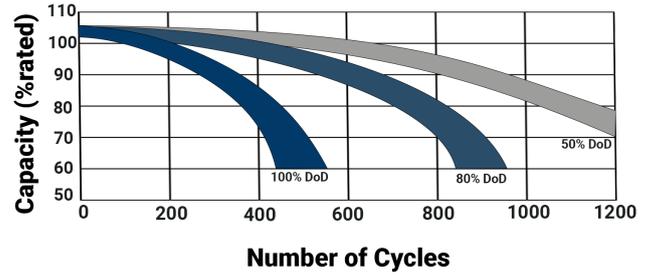
Capacity Retention SLA

CAPACITY RETENTION



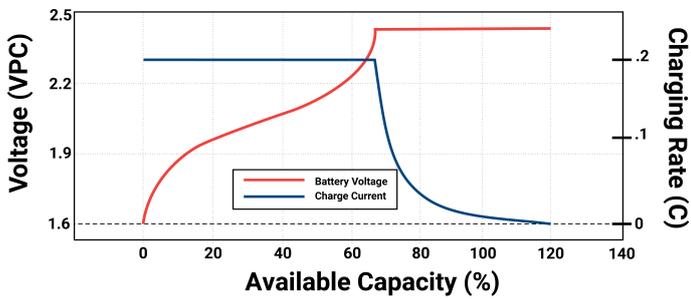
DCM Cycle Life

CYCLE LIFE @25°C



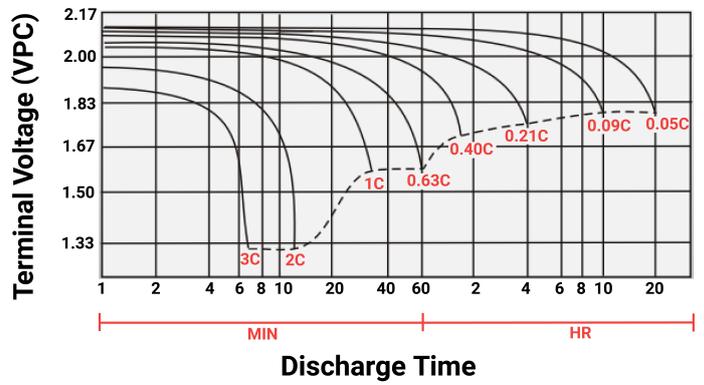
SLA Charging

CHARGING CHARACTERISTICS @ C/5 AND 25°C



SLA Discharge Rates

Discharge Characteristics



Charging

Engineering Drawing

For Further Information

Please refer to our website, www.power-sonic.com, for a complete range of useful downloads, such as product catalogs, material safety data sheets (MSDS), ISO certification, etc.

Approvals



IEC 60896 standard ensures stationary lead-acid batteries meet safety, performance, and float charge application requirements.



ISO 9001:2015 certification ensures consistent quality management and manufacturing standards for energy storage products.



California Proposition 65 compliant, providing consumer safety through reduced chemical exposure in battery manufacturing.



Sealed lead-acid batteries classified UN2800 non-spillable, certified safe for air, sea, and ground transport worldwide.



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