

DCG12-70

12 Volt 70 A.H.

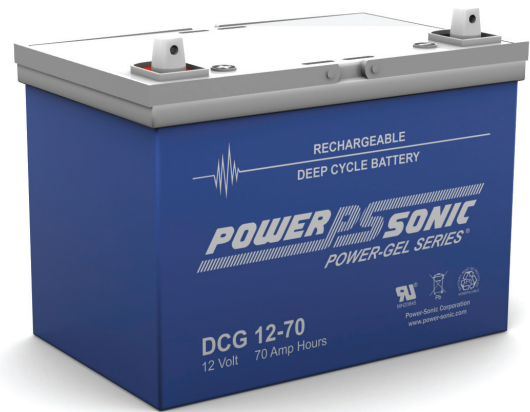


DEEP CYCLE GEL BATTERY

FEATURES

- Thixotropic gel electrolyte for enhanced performance
- Valve regulated, spill proof construction allows safe operation in any position
- Superior deep cycle capabilities
- Power/volume ratio yielding unrivaled energy density
- Rugged ABS plastic case and cover
- Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified
- U.L. recognized
- CE compliant

PRODUCT



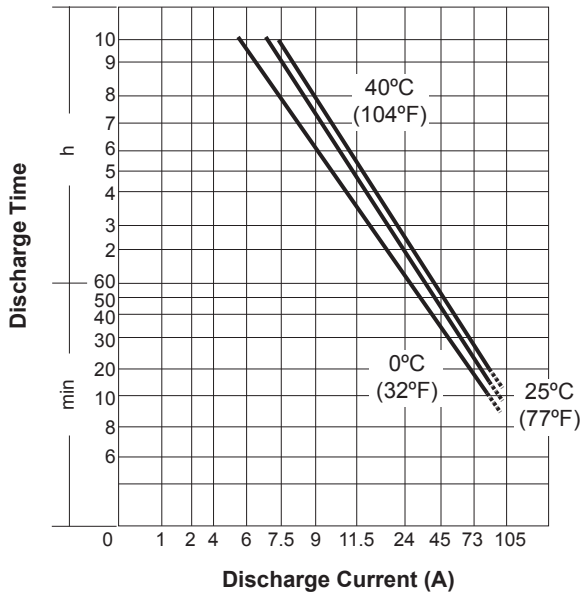
SPECIFICATIONS

Nominal Voltage	12 volts (6 cells in series)	
Nominal Capacity		
20 hour rate (3.5A to 10.50 volts)	70.0 A.H.	
10 hour rate (6.58A to 10.50 volts)	65.8 A.H.	
5 hour rate (11.6A to 10.20 volts)	57.8 A.H.	
3 hour rate (17.2A to 9.00 volts)	51.6 A.H.	
1 hour rate (40.3A to 9.00 volts)	40.3 A.H.	
Approximate Weight	54.0 lbs. (24.5 kg)	
Energy Density (20-hr.)	1.52 W-h/in ³ (92.90 W-h/l)	
Specific Energy (20-hr.)	15.56 W-h/lbs. (34.29 W-h/kg)	
Internal Resistance (approx.)	4.5 milliohms	
Max. Short-Duration Discharge Current (10-sec.)	700 amperes	
Terminal Configuration	T14: Heavy duty posts with nut & bolt ("NB") fasteners	
Shelf Life — % of nominal capacity at 68° F (20° C)		
1 Month	97%	
3 Months	91%	
6 Months	83%	
Operating Temperature Range		
Charge	-4°F (-20°C) to 122°F (50°C)	
Discharge	-4°F (-20°C) to 140°F (60°C)	
Case & Cover	ABS Plastic	

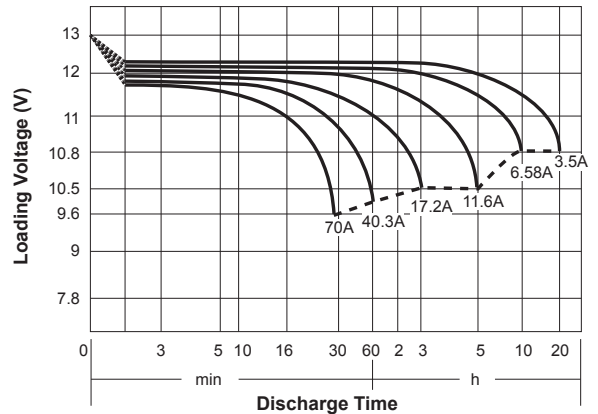
To ensure safe and efficient operation always refer to the latest edition of our Technical Manual, as published on our website.

We've Got The Power.™

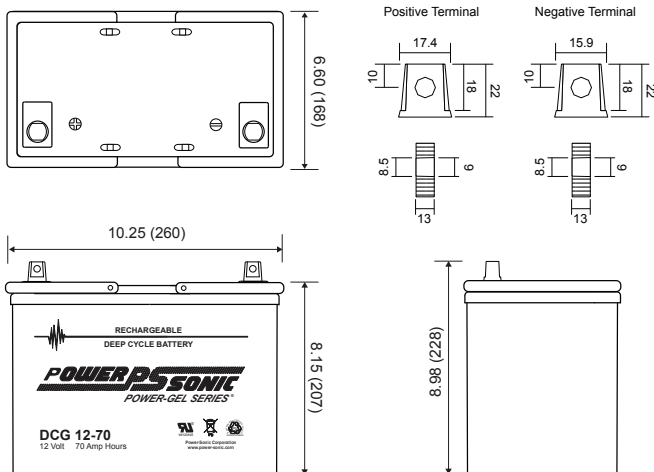
TIME VS. CURRENT (DISCHARGE)



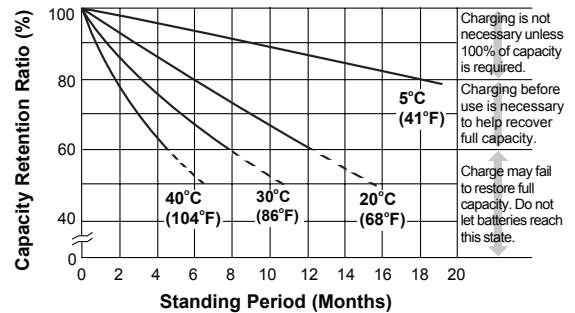
DISCHARGE CHARACTERISTICS



PHYSICAL DIMENSIONS



SELF-DISCHARGE & STORAGE



CHARGING

Cycle Applications:

Limit initial current to 14A. Charge until battery voltage (under charge) reaches 13.8 to 14.1 volts at 68°F (20°C). Hold at 13.5 to 13.8 volts until current drops to approximately 700mA (0.01C).

“Float” or “Stand-By” Service:

Hold battery across constant voltage source of 13.5 to 13.8 volts continuously.



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