



HC80

Nominal Technical Specifications

HC series is especially used for engine starting, which requires superior cranking performance at lower temperatures, for high current discharge.

Nominal Capacity

20 Hour Rate	80AH
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Reserve Capacity

Reserve@25 Amps	168Min	Reserve@75 Amps	44Min
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Electrical Specifications

Nominal Voltage	12 Volt
C20	80 AH
C5	68 AH
CCA	890 A
CA or MCA	1070 A
HCA	1300 A
PHCA	1800 A
Short Circuit Current	4600 A
Internal Resistance	2.7 mΩ
Self-Discharge@25°C	≤ 3% per month

Mechanical Specifications

Group Size	49/H8/L5	
Terminal Type	AP	
Terminal Torque	50~70 in-lbs.	
Height(w/terminal)	190 mm	7.48"
Height(case only)	190 mm	7.48"
Width	175 mm	6.89"
Length	353 mm	13.90"
Weight	27.70 Kg	61.07 lbs
Case Type	ABS Plastic- Flame Res. Rating UL94-HB	

Operational Data

Operating Temperature	-4°F to 122°F (-20°C to +50°C). At temperatures below 32°F (0°C) maintain a state of charge greater than 60%.
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Charging Instructions

Maximum Charge Current (A)	25% of C ₂₀
Absorption Voltage	14.4V-14.7V
Float Voltage	13.5V-13.8V

PHYSICAL CHARACTERISTICS

