



HC105

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	105 AH
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Reserve Capacity

Reserve@25 Amps	242 Min	Reserve@75 Amps	50 Min
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Electrical Specifications

Nominal Voltage	12 Volt
C20	105 AH
C5	90 AH
CCA	1050 A
CA or MCA	1300A
HCA	1505 A
PHCA	2150 A
Short Circuit Current	5000 A
Internal Resistance	2.2 mΩ
Self-Discharge@25°C	≤ 3% per month

Mechanical Specifications

Group Size	30H	
Terminal Type	M8	
Terminal Torque	62~80 in-lbs.	
Height(w/terminal)	220 mm	8.66"
Height(case only)	214 mm	8.43"
Width	172 mm	6.77"
Length	330 mm	12.99"
Weight	34.0 Kg	74.96 lbs
Case Type	ABS Plastic- Flame Res. Rating UL94-HB	

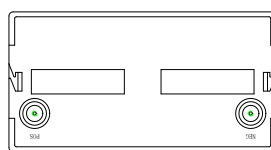
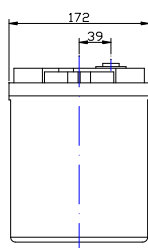
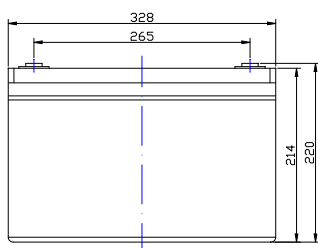
Operational Data

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%.

Charging Instructions

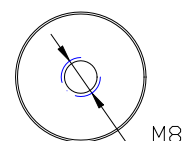
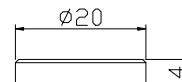
Maximum Charge Current (A)	25% of C ₂₀
Absorption Voltage	14.4V-14.7V
Float Voltage	13.5V-13.8V

PHYSICAL CHARACTERISTICS



Terminal

unit:mm



Jan 2024