



HC50

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	50AH
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Reserve Capacity

Reserve@25 Amps	105Min	Reserve@75 Amps	21Min
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Electrical Specifications

Nominal Voltage	12 Volt
C20	50 AH
C5	43 AH
CCA	610 A
CA or MCA	745 A
HCA	890 A
PHCA	1280 A
Short Circuit Current	1660 A
Internal Resistance	7.5 mΩ
Self-Discharge@25°C	≤ 3% per month

Mechanical Specifications

Group Size	47/H5/L2	
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	241 mm	9.49"
Weight	19.1 Kg	42.11 lbs.
Case Type	ABS Plastic- Flame Res. Rating UL94-HB	

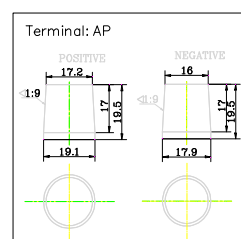
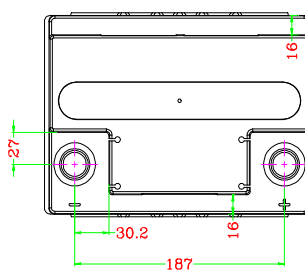
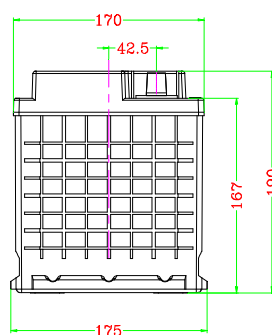
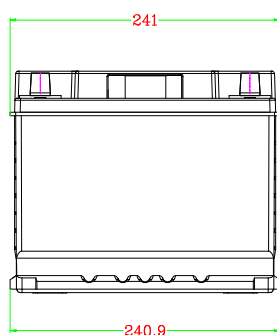
Operational Data

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



Apr. 2024