



# HC100

## 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	<b>100 AH</b>

Reserve Capacity			
Reserve@25 Amps	<b>205 Min</b>	Reserve@75 Amps	<b>40 Min</b>

Electrical Specifications	
Nominal Voltage	<b>12 Volt</b>
C20	<b>100 AH</b>
C5	<b>87 AH</b>
CCA	<b>965 A</b>
CA or MCA	<b>1170A</b>
HCA	<b>1380 A</b>
PHCA	<b>1950 A</b>
Short Circuit Current	<b>5000 A</b>
Internal Resistance	<b>2.5 mΩ</b>
Self-Discharge@25°C	<b>≤ 3% per month</b>

Mechanical Specifications		
Group Size	<b>27</b>	
Terminal Type	<b>DT</b>	
Terminal Torque	<b>53~71 in-lbs.</b>	
Height(w/terminal)	<b>237 mm</b>	<b>9.33"</b>
Height(case only)	<b>214 mm</b>	<b>8.43"</b>
Width	<b>169 mm</b>	<b>6.65"</b>
Length	<b>307 mm</b>	<b>12.09"</b>
Weight	<b>32.2 Kg</b>	<b>70.99 lbs</b>
Case Type	<b>ABS Plastic- Flame Res.</b> Rating UL94-HB	

Operational Data	
<b>Operating Temperature</b>	-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	
<b>Maximum Charge Current (A)</b>	25% of C <sub>20</sub>
<b>Absorption Voltage</b>	14.4V-14.7V
<b>Float Voltage</b>	13.5V-13.8V

## PHYSICAL CHARACTERISTICS Terminal Type: DT

Unit:mm

