



<b>Battery Model</b>	<b>H6 (BCI group 48)</b>
<b>Part #</b>	<b>7048-148</b>
<b>NSN</b>	<b>Not issued yet</b>
<b>Description: High power, dual purpose engine start &amp; deep cycle battery. AGM, VRLA design.</b>	



<b>Common commercial applications</b>	
<b>Chevrolet</b>	Tahoe 2014-17, Silverado 2007 – on Suburban 2007 – 14, Avalanche 2007-13 Colorado 2015 – 18, + various passenger cars
<b>GMC</b>	Canyon 20015-18, 1500 2007-18 2500HD 2007-13, 3500HD 2001-13 Terrain 2010-18, Yukon 2007-18
<b>Ford</b>	F-150 20015-18, Transit 20015-17
<b>Jeep</b>	Cherokee 2014-17, Grand Cherokee 2017 Wrangler 2012-16
This is a partial list. The H6 also fits a wide variety of American, Asian, & European passenger cars & SUVs. Contact us for details.	

### Performance Data

<b>Nominal Voltage</b>	12.0 VDC
<b>Open Circuit Voltage (fully charged)</b>	13.1 VDC
<b>Internal Resistance (fully charged)</b>	.003 ohms
<b>Capacity (C/20)</b>	72 Ah
<b>Reserve Capacity (25 amp discharge to 10.5V. 80F)</b>	140 minutes
<b>CCA (amps at 0F, 30 seconds)</b>	800
<b>CA (amps at 32F, 30 seconds)</b>	928

### Physical Characteristics:

<b>Plate Design</b>	99.99% pure lead, highly compressed radial grid plates & direct path cast on straps. With PUREFLOW TECHNOLOGY™
<b>Electrolyte</b>	Sulfuric acid, H <sub>2</sub> SO <sub>4</sub>
<b>Case</b>	Polypropylene. Case: Light gray. Cover: "OPTIMA" Yellow
<b>Group size</b>	H6. Same as USA BCI group size 48
<b>Length</b>	10.94" / 278 mm
<b>Width</b>	6.89" / 175 mm
<b>Height</b>	7.48" / 190 mm
<b>Weight</b>	54 lbs / 24.4 kg
<b>Terminals</b>	Standard automotive tapered lead posts

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 970-586-0660 [www.milbatteries.com](http://www.milbatteries.com)





### Recommended Charging:

Alternator	Voltage setting: 14.0 to 14.8 measured at the battery. For best results alternator should have temperature compensation capability with temp measured at battery.
Battery Charger	Constant voltage charger designed for AGM batteries. Max charge voltage regulated between 14.4 to 15.0 VDC. Always monitor battery during recharge for signs of overheating. Contact us for military approved charger recommendations.
Please contact us to discuss the best charging method/settings for your application.	

Always wear safety glasses when working with batteries.

Always use a voltage regulated battery charger with limits set to the above ratings. Overcharging can cause the safety valves to open and battery gases to escape, causing premature end of life. These gases are flammable! You cannot replace water in sealed batteries that have been overcharged. Any battery that becomes very hot while charging should be disconnected immediately.

Not fully charging a battery can result in poor performance and a reduction in capacity.

### Shipping and Transportation Information:

OPTIMA batteries can be shipped by AIR. The battery is nonspillable and is tested according to ICAO Technical Instructions DOC. 9284-AN/905 to meet the requirements of Packing Instructions No. 806 and is classified as non-regulated by IATA Special Provision A-48 and A-67 for UN2800. Terminals must be protected from short circuit.

#### MILITARY CUSTOMERS & OEMs:

Please contact us for assistance regarding alternator charger settings, shop charging, CAD Drawings, etc.

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