

FAQs for Bighorn UTVs

200 HL and EV5

Where is this vehicle manufactured?	The vehicle is manufactured in China with final assembly performed in the US.
200 GVX / GVXL / VXL	
Who is the engine manufacturer?	The engine and transmission for the cart are manufactured by Nebula. They are a Chinese manufacturing company formed by a group of senior engineers who previously had over 10 years experience working in a Yamaha joint venture engine manufacturing company.
Where else is this engine used?	Nowhere. This engine was designed from the ground up for this vehicle. It is not an engine designed to be used for pumps, generators or other lawn equipment. It is specifically designed for powersport, utility and transportation applications.
What kind of transmission does this cart have?	The primary transmission on this cart is a CVT or continuously variable transmission. It automatically adjust the gear ratio to match the engine speed and torque to meet the riding conditions. Additionally VXL and GVXL units have a high / low gearbox to increase performance and meet all riding conditions.
What does the High / Low gear box do?	The high / low gear box offers two different operating ranges for the cart. For normal riding, the high range allows for speeds up to 28 MPH. When shifted into the low range the speed is limited to 10 mph, but much higher torque is delivered to the rear wheels to help when pulling loads up steep hills. The clutch does not start to engage until 2800 RPM and is not fully engaged until 3200 RPM
What is the horsepower output of the engine?	8.5 HP Peak

What kind on gasoline do I need to use?	93 Octane ethanol free gas is recommended for best performance. If you must use ethanol fuel, make sure to add a fuel treatment specifically designed for ethanol fuels.
What kind of engine oil should I use?	A standard automotive grade engine oil in 10W30 or 10W40 will work best.
What kind of oil is used in the gearbox?	Standard 80W90 gear lube is required.
Is there oil or other lubricant used in the CVT transmission?	No. No oil or lubrication is required.
EV5 Electric UTV / Golf Cart	
What is the horsepower of the electric motor?	7 HP steady state 13.5 HP peak
What is the operating range of the electric cart between charging the batteries?	About 35 - 40 miles depending on load and operating conditions.
What kind of battery charger do I need?	The cart comes with an onboard smart battery charger installed.
How long does it take to recharge the batteries?	If the battery charge is low, it will recharge to 80% in about 3 hours. It takes 8 hours to fully recharge the batteries.
What kind of batteries does this cart use and what do I need to do to maintain them?	The cart uses 5 pieces of 12 volt 100 amp hour sealed maintenance free AGM batteries. The only required maintenance is to properly recharge the batteries when needed.
Accessories	
Are both the gas and electric version available with either the dump bed or rear seats?	Yes. Both versions share the same basic chassis so the dump bed and rear facing passenger seats may be used in either application. The vehicle can be ordered to meet your needs. Also, since the parts are interchangeable, you can order a seat kit or dump bed kit as an accessories and change back and forth to meet your needs. The swap will take about 30-60 minutes and can be done with a few basic hand tools.
Can I haul a trailer?	Yes. All units come with a 2 in Hitch Receiver in the back. Carts with rear seats, require taking off the rear seat (5-10 minutes) in order to expose the hitch receiver.
Can I add a winch if I wanted to?	Yes. All units come with a front winch-mount.

Are there different tire options available?	Yes. Currently, the gas carts come with off road tires and the electric carts come with a multi-purpose road tire. Other options are available.
Are these carts street legal?	Yes and no. These carts come equipped with all of the necessary features and equipment to meet the requirements for Low Speed Vehicles. The licensing requirements for LSVs vary from state to state and within local jurisdictions. Check local laws and requirements in your area.
What colors are available?	<p>The base color for the gas cart is red, and for the electric cart is blue.</p> <p>Other colors available via special order include white, black, orange, olive drab green and camo. Camo has \$100 up charge.</p>