



Diamond Northern, L.L.C.

7390 Young Drive. Unit F
Walton Hills, Ohio 44146

Thank you for your inquiry regarding an industrial quality, diesel-powered electric generator set from Diamond Northern! Properly operated and cared for, our units are capable of reliable, efficient power generation to meet your standby power needs for years to come. We at Diamond Northern appreciate your interest, and are dedicated to ensuring your satisfaction with our product.

Our 12 KW Diesel Generator Product. The 12 KW Diamond Northern Generator Set is conservatively designed, in order to assure reliability. The generator in this unit is a four-pole, brush less alternator, rated for continuous duty at outputs up to 12 kilowatts, and capable of accommodating surges up to 13 kilowatts. It is a quality-built unit throughout, with cast iron case, solid copper windings, and two bearings, one at each end of the armature. (Many lower quality generators have die-cast aluminum housings, aluminum windings and/or a single bearing, relying on the attachment to the engine in lieu of a second bearing). Unlike two-pole generators, which must operate at 3600 rpm in order to produce 60 cycle current, this generator operates at 1800 rpm which increases its operating endurance for long term service.

The prime mover for this generator set is a four cycle, two-cylinder direct-injection diesel engine rated at 24 horsepower at its operating speed rating of 1800 rpm. The generator set is factory adjusted to operate at 1800 rpm in order to assure 60cycle current output, and at 12 kilowatt continuous output is only drawing 75% of the engine's horsepower capacity at that speed. This conservative design assures long-term, reliable performance of the generator set. The generator set can be fueled with either diesel fuel or No. 2 heating oil.

Attached are further specifications and prices on our 12 KW Diesel Generator Set with its various options. Presently, shipment of the basic 12 KW Diesel Generator Set is from stock, same day order. **If you have any questions, please feel free to call!**

Tel (888) 551-1044