



5kw permanent magnet generator

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The EN-5KW-300R-120VAC three phase permanent magnetic generator(PMG) provide best magnetic flux density with less air gap. It requires no system for the provision of field current. It is highly reliable. It contains any means for controlling the output voltage. Typically used for HAWT& VAWT wind turbine and hydro generator, where the generator output of variable voltage and frequency is supplied to a power system through an electronic frequency converter.

EN-5KW-300R-120V with multi poles in PMG, improved the power efficiency at low speed and solved unstable output voltage problem, also saved the cost. They are widely used for direct-drive horizontal axis or vertical axis wind turbines.

Brushless, no excitation winding and control box, simple structure, no sparks, high reliability.Imported high-speed bearing with oil-containing, which is maintenance-free, highly reliable and has long motor life.

Two method in bearing, one is with cap, bearing life is about 5 years, just change it. Another one is no-cap bearing, add some lubricating grease half a year to make it working smooth.

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