Name: Kode Alison Mudiaga

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Department: Mechanical

2) The stator is connected in Star and neutral is grounded in large synchronous generator. Because the output power of a machine increases. The phase voltage is only of line-line voltage in a star connected stator. Therefore, the maximum possible voltage between the ground core and stator conductor is of line voltage. If the slot insulation reduces, the cross section of the conductor increases. The bigger cross section of conductor permits to increase the current. Therefore, the output power increases when the current increases.

3) The armature is large, because the load is connected directly to the stationary armature winding without going through large brushes and unreliable slip-rings, also the insulation of windings is easy in stationary armature field as they are not related to centrifugal forces.

4) Brushless generators undergo less maintenance, there are no brushes to be replaced or fixed, and have fewer internal parts that can be damaged.