



**MINIMUM SPECIFICATIONS FOR 8.1KW BG POWERMAX GENERATOR
FOR USE WITH BOSS MODEL 8060-UBI**

Quantity of one (1) Boss model 8.1KW BG Powermax PTO drive under deck generator(s) to include the following as standard equipment when used with the Boss Model 8060-UBI.

- Generator specifications; lifetime-lubricated bearings, brushless design, maintenance-free, with one-year warranty in material and workmanship from date of purchase.
- Generator drive consists of the following:
 1. A side-mount PTO and drive shaft that powers the generator off the compressor input shaft, thru a single belt, timing pulley arrangement.
 2. Generator bracket mounts to air compressor mounting foot for easy belt installation from single pivot point.
 3. Generator belt guard that protects generator and drive from road debris.
- Zero belt adjustment for life of belt.
- Generator voltage held within $\pm 2\%$ with electronic engine speed control that senses generator speed at the compressor shaft. (Gas engines sense at engine coil).
- Generator interface with truck's electronic engine:
 1. Programmed electronically to provide constant input speed to the generator during varying loads on the engine.
 2. Generator over speed protection to disengage PTO if ROM limits at the generator are exceeded.
 3. Interface wiring of generator with electronic engine will override all other speed change requests on multiple speed systems when other auxiliary equipment are being used.
- Instrumentation and receptacles to include:
 1. One (1) voltmeter.
 2. One (1) 125 volt 15 amp duplex receptacles.
 3. One (1) 125 volt 30 amp single twist lock receptacles.

All receptacles have weather tight covers and can be panel or remote mounted per the customer's request.

- Circuit panel box including two GFI breakers: One (1) 15 amp GFI, one (1) 20 amp GFI and one (1) 30 amp GFI.
- Operation, parts, and maintenance manual.

Revised: 4/2005
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Specifications subject to change without notice