



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 36-283
Type 21-A Alternator
(Magnetized as 14 Pole)

1.0 OUTPUT:

- 1.1 Generator: Permanent Magnet Excitation
- 1.2 Rating: 3.6kVA, 100%PF, 1Ph., 210Hz @ 1800RPM
- 1.3 Output Voltage: Dual Voltage, Re-connectable
 - i. No Load: 134/268VAC Max.
 - ii. Full Load: 120/240VAC Nom. (at 1800RPM, 100% PF)
- 1.4 Output Current: 30/15 Amp
- 1.5 Insulation: Class F

2.0 GENERAL SPECIFICATIONS:

- 2.1 Construction: Horizontal Mount Cast Aluminum Housing, Double Bearing
- 2.1 Duty: Continuous
- 2.1 Max. Amb. Temp.: 55 °C
- 2.1 Cooling: Self Circulated Air via rotor mounted internal Fan. NEMA IC01
- 2.1 Rotation: Reversible
- 2.1 Dielectric Strength: Winding to Frame: 1500 V for 1 Min.
- 2.1 Vibration: Within 0.001"
- 2.1 Bearings: Shielded Life Time Lubricated Ball Bearings
- 2.1 Finish:
 - 2.1 2.9.1 Primer: Modified Alkyd Resin
 - 2.1 2.9.2 Paint: Silver-Blue Enamel

3.0 Approx. Weight:

- 3.1 Net: 130 Lb.
- 3.1 Shipping: 155 Lb.

Rev.	Date	Revision Description
A	3/8/01	3.1 Max. No Load was 132/264V
ENGINEER	M.T.E.	
APPROVED BY		1/1/2002