

Model No.: PMG-1500G-20

Technical Specification for 20KW, 1500RPM, 230VAC,
Single Phase Permanent Magnet Alternator.

| Sl. No. | Description | Parameter |
|---------|--------------------------|---|
| 01. | Rated Power | 20 KW |
| 02. | RPM | 1500 |
| 03. | Number of Pole | 04 |
| 04. | Rated Voltage | 230 Volts (Single – Phase) |
| 05. | Power Factor | 0.9 |
| 06. | Rated Amp | 96.6 Amps |
| 07. | Frequency | 50 Hz |
| 08. | Insulation Class | H Class |
| 09. | Working Temperature | -30 ^u C to 80 ^u C |
| 10. | Starting Torque | 1.82 NM |
| 11. | Rated Torque | 121.9 NM |
| 12. | Magnet Type | Neodymium (NdFeB) |
| 13. | Warranty | 24 Months |
| 14. | Type | Radial Flux Foot Mounting |
| 15. | Generator shell material | Cast Iron |
| 16. | Winding material | 100% Copper |
| 17. | Shaft material | EN8 |
| 18. | Bearing Brand | SKF |
| 19. | Efficiency | More than 90% |
| 20. | Protection | IP54 |



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