

## Model No.: PMG-3000G-30

**Technical Specification for 30KW, 3000RPM, 230VAC,  
Single Phase Permanent Magnet Alternator.**

| Sl. No. | Description              | Parameter                               |
|---------|--------------------------|---|
| 01.     | Rated Power              | 30 KW                                   |
| 02.     | RPM                      | 3000                                    |
| 03.     | Number of Pole           | 02                                      |
| 04.     | Rated Voltage            | 230 Volts (Single – Phase)              |
| 05.     | Power Factor             | 0.9                                     |
| 06.     | Rated Amp                | 144.9 Amps                              |
| 07.     | Frequency                | 50 Hz                                   |
| 08.     | Insulation Class         | H Class                                 |
| 09.     | Working Temperature      | -30 <sup>u</sup> C to 80 <sup>u</sup> C |
| 10.     | Starting Torque          | 1.3 NM                                  |
| 11.     | Rated Torque             | 91.4 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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