

## Model No.: PMG-1500G-2

Technical Specification for 2KW, 1500RPM, 230VAC, Single Phase Permanent Magnet Alternator.

| Sl. No. | Description              | Parameter                               |
|---------|--------------------------|---|
| 01.     | Rated Power              | 2 KW                                    |
| 02.     | RPM                      | 1500                                    |
| 03.     | Number of Pole           | 04                                      |
| 04.     | Rated Voltage            | 230 Volts (Single – Phase)              |
| 05.     | Power Factor             | 0.9                                     |
| 06.     | Rated Amp                | 14.49 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          | 0.18 NM                                 |
| 11.     | Rated Torque             | 12.19 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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