

TECHNICAL DATA SHEET EMH63 & EMH100



| Description | EMH63 | EMH100 |
|-----------------------------|--|--|
| Input Volts | Nominal input voltage 216V-253V, 50Hz, Single Phase AC | Nominal input voltage 216V-253V, 50Hz, Single Phase AC |
| Optimised Output Volts | -6% (15V), -8% (20V), -10% (25V) | -6% (15V), -8% (20V), -10% (25V) |
| Continuous Current Rating | 63A | 100A |
| Winding Type | Toroidal | Toroidal |
| Efficiency | >99.7% | >99.7% |
| Operating Temperature | -5°C to +40°C | -5°C to +40°C |
| Humidity | 80% (non-condensing) | 80% (non-condensing) |
| Dimensions (mm) | 230h x 360w x 140d plus 150mm clearance to any two sides | 250h x 380w x 140d plus 150mm clearance to any two sides |
| Weight | 14Kg | 19Kg |
| Terminal Capacity | Incoming Live – 35mm Incoming Neutral – 35mm Outgoing Live – 35mm Outgoing Neutral – 35mm Earth – 25mm | Incoming Live – 35mm Incoming Neutral – 35mm Outgoing Live – 35mm Outgoing Neutral – 35mm Earth – 25mm |
| Terminal Tightening Torques | 2 – 3.5 Nm | 2.5 – 5 Nm |
| Cable Entries | 2 x 32mm LHS 2 x 32mm RHS 4 x 32mm Bottom | 2 x 32mm LHS 2 x 32mm RHS 4 x 32mm Bottom |
| Mounting Orientation | Horizontal or Vertical (TX to top) | Horizontal or Vertical (TX to top) |
| Mains Switch | 100A Double Pole | 100A Double Pole |
| MCB | 63A C Type Single Pole | N/A |
| Status Indication | Optimising LED | Optimising LED |
| Enclosure | Mild Steel Powder Coated | Mild Steel Powder Coated |
| Colour | Cream (RAL 9010) | Cream (RAL 9010) |
| Ingress Protection | IP31 | IP31 |
| Standards | 2006/95/EC Low Voltage Directive 89/336/EEC EMC Directive | 2006/95/EC Low Voltage Directive 89/336/EEC EMC Directive |
| Guarantee | 10 Years | 10 Years |