

TECHNICAL DATA SHEET EMH63-ES, EMH63 & EMH100



Description	EMH63-ES	EMH63	EMH100
Input Volts	Nominal input voltage 216V-253V, 50Hz, Single Phase AC	Nominal input voltage 216V-253V, 50Hz, Single Phase AC	Nominal input voltage 216V-253V, 50Hz, Single Phase AC
Optimised Output Volts	-7.5% (18V)	-6% (15V), -8% (20V), -10% (25V)	-6% (15V), -8% (20V), -10% (25V)
Continuous Current Rating	63A	63A	100A
Winding Type	Toroidal	Toroidal	Toroidal
Efficiency	>99.7%	>99.7%	>99.7%
Operating Temperature	-5°C to +40°C	-5°C to +40°C	-5°C to +40°C
Humidity	80% (non-condensing)	80% (non-condensing)	80% (non-condensing)
Dimensions (mm)	230h x 310w x 100d plus 150mm clearance to any two sides	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	12Kg	14Kg	18Kg
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	Incoming Live – 35mm Incoming Neutral – 35mm Outgoing Live – 35mm Outgoing Neutral – 35mm Earth – 25mm
Terminal Tightening Torques	2 – 3.5 Nm	2 – 3.5 Nm	2.5 – 5 Nm
Cable Entries	2 x 32mm Bottom	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)	Horizontal or Vertical (TX to top)
Mains Switch	100A Double Pole	100A Double Pole	100A Double Pole
MCB	63A C Type Single Pole	63A C Type Single Pole	N/A
Status Indication	N/A	Optimising LED	Optimising LED
Enclosure	Mild Steel Powder Coated	Mild Steel Powder Coated	Mild Steel Powder Coated
Colour	Cream (RAL 9010)	Cream (RAL 9010)	Cream (RAL 9010)
Ingress Protection	IP31	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	2006/95/EC Low Voltage Directive 89/336/EEC EMC Directive
Guarantee	5 Years	5 Years	5 Years