

# 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