

Compact Switchmode Power Supplies



A compact, efficient bench top power supply for use in servicing, repair and design of electronics. The low noise switchmode design offers excellent regulation for low current requirements. Fine/coarse voltage and current controls allow you to set the desired settings quickly. Includes croc clip to banana leads.

Size: 85W x 160H x 205Dmm. Weight: 1.5kg.

- Features**
- Fine & coarse adjustments
 - Adjustable current limiting
 - Regulated variable output voltage
 - Digital LCD meter
 - Backlit LCD
 - 200mV p-p ripple & noise
 - <1% ±5mV load regulation.

Price Each		RRP	2+	4+
M 8303	0-30V 3A	159.00	145.00	129.00
M 8305	0-30V 5A	189.00	175.00	155.00

High Current Supplies



High current capacity for powering amateur radio transceivers, high power equipment or testing inverters. Size: 220W x 110H x 220Dmm (M 8222 is 395D). M 8222 Weight: 5.8kg. M 8224 Weight: 3.2kg.

- Features**
- M 8222 1 to 15V @ 60A output
 - M 8222 equipped with 5A aux output
 - M 8224 3 to 15V @ 25A output
 - Digital LED meters
 - Overload & short circuit protected
 - 5mV ripple & noise
 - 200mV load regulation.

Price Each		RRP	2+	4+
M 8222	1-15V 60A	739.00	665.00	595.00
M 8224	3-15V 25A	348.00	325.00	305.00

Linear Toroidal Lab Power Supplies



Perfect for experimenting, designing, testing and repairing a wide range of electronic appliances, including digital circuits with sensitive regulation requirements. Precision LCD meters provide accurate voltage and current adjustment. Auxiliary 5V & 12V fixed outputs are provided via front panel spring terminals for quick connection.

Size 205W x 115H x 230Dmm. 6kg.

- Features**
- Regulated variable output voltage
 - Linear toroidal design
 - Aux fixed outputs of 5V & 12V @ 0.5A
 - Variable current limiting
 - Digital LCD meters
 - Overload & short circuit protected
 - Floating outputs
 - Less than 5mV ripple & noise
 - 20-30mV ±10% load regulation.

Price Each		RRP	2+	4+
M 8200A	0-30V 3A	279.00	255.00	225.00
M 8205	0-30V 5A	329.00	299.00	265.00

20A Switchmode Lab Power Supply



Adjustable current limiting power supply with 1-30V 20A range. Voltage and current settings may be set in fine or coarse modes. Includes three programmable preset outputs. Fixed 5A auxiliary output on the front panel allows quick connection to devices. Unit performs self diagnostics to ensure reliable operation.

Size: 379W x 135H x 280Dmm. Weight: 14.3kg.

- Features**
- Adjustable current limiting
 - Regulated variable output voltage or fixed via 3 presets
 - Auxiliary fixed output, max 5A
 - Overload & short circuit protected
 - Less than 5mV low ripple & noise
 - 50mV p-p load regulation
 - Highly efficient switchmode design

Price Each		RRP	2+	4+
M 8213	1-30V 20A	545.00	495.00	446.00

Fixed 13.8V 20A Power Supply



A fixed voltage output power supply designed for powering automotive, marine and comms equipment. Low noise and ripple design (<100mV) offers excellent efficiency and performance for the electronics work bench. Size: 210W x 130H x 260Dmm. Weight: 1.5kg.

- Features**
- Up to 20A output
 - Fixed 13.8V voltage
 - High efficiency switchmode design
 - Low noise and ripple <100mV
 - 2% voltage regulation
 - Short circuit protected output
 - Fused input

Price Each		RRP	2+	4+
M 8254	13.8V 20A	185.00	175.00	155.00

Compact Switchmode Lab Power Supplies



A compact, efficient bench top power supply for use in servicing, repair and design of electronics. The low noise switchmode design offers excellent regulation for low current requirements. Offers the flexibility of both wide adjustable voltage and current range. Size: 336W x 87H x 214Dmm. Weight: 2.9kg.

- Features**
- Up to 30A output
 - 0-30V adjustable
 - High efficiency switchmode design
 - Over temperature, voltage and overload protection
 - Low ripple and noise
 - Excellent load regulation
 - High RFI stability

Price Each		RRP	2+	4+
M 8310	0-30V 20A	399.00	359.00	319.00
M 8312	0-30V 30A	719.00	650.00	595.00

Lab Power Supply Specifications

Altronics Model	Main Output	Aux Output	Output current	Ripple & noise	Load regulation	Dimensions	Weight
M 8303	0-30V DC @ 3A max.	-	Adjustable 0 - 3A	200mVp-p	CV≤1%+5mV	85 x 160 x 205mm	1.5kg
M 8305	0-30V DC @ 5A max.	-	Adjustable 0 - 5A	200mVp-p	CV≤1%+5mV	85 x 160 x 205mm	1.5kg
M 8222	1-15V DC @ 60A max.	13.8V DC (selectable)	60A max.	<5mVp-p	200mV 0-100% load	220 x 110 x 395mm	4.6kg
M 8224	3-15V DC @ 25A max.	13.8V DC (selectable)	25A max.	<5mVp-p	200mV 0-100% load	220 x 110 x 220mm	3.2kg
M 8213	1-30V DC @ 20A max.	1-30V DC @ 5A max.	Adjustable 0 - 20A	<5mVp-p	50mV 0-100% load	200 x 90 x 215mm	2.6kg
M 8200A	0-30V DC @ 3A max.	12V DC @ 0.5A 5V DC @ 0.5A	Adjustable 0 - 3A on main 0.5A max fixed rails	<5mVp-p	20mV ±10%	205 x 115 x 230mm	5.4kg
M 8205	0-30V DC @ 5A max.	12V DC @ 0.5A 5V DC @ 0.5A	Adjustable 0 - 5A on main 0.5A max fixed rails	<5mVp-p	30mV ±10%	205 x 115 x 230mm	6kg
M 8254	13.8V @ 20A max.	-	20A max.	<100mVp-p	2%	250 x 155 x 115mm	1.5kg
M 8310	0-30V DC @ 20A max.	0-30V DC @ 5A max.	Adjustable 0 - 20A	100mVp-p	CV≤1%+5mV	214 x 336 x 87mm	3kg
M 8312	0-30V DC @ 30A max.	0-30V DC @ 5A max.	Adjustable 0 - 30A	100mVp-p	CV≤1%+5mV	214 x 336 x 87mm	3kg