

External Linear Power Supplies - Mains Adaptors

- Low cost, high reliability
- Manufactured in UK and China
- Large range of standard models in stock
- Standard and custom designed models
- Plug-top, desk-top and wall mounting models
- Models to meet UK, European and North American Standards
- Models to meet other countries' standards
- Full compliance with safety and EMC requirements
- AC/AC and AC/DC (regulated and unregulated) models
- All standard models in black plastic cases; white and other colours to customer order



Note: The adaptor dimensions given here do not include the plug pins and mounting plate of the plug-top model shown

Standard AC/DC unregulated models

Part No.	Output voltage nom (Vdc)	Output current (mA)	Case type
AD-0350	3.0	500	A
AD-04550	4.5	500	A
AD-0630	6.0	300	B
AD-0650	6.0	500	B
AD-06100	6.0	1000	C
AD-07550	7.5	500	B
AD-075100	7.5	1000	C
AD-0910	9.0	100	A
AD-0930	9.0	300	B
AD-0960	9.0	600	B
AD-09100	9.0	1000	C
AD-09200	9.0	2000	F
AD-1210	12.0	100	A
AD-1230	12.0	300	B
AD-1250	12.0	500	B
AD-12100	12.0	1000	C
AD-12160	12.0	1600	F
AD-12200	12.0	2000	F
AD-1510	15.0	100	A
AD-1550	15.0	500	C
AD-15100	15.0	1000	D
AD-1825	18.0	250	B
AD-1850	18.0	500	C
AD-2425	24.0	250	B
AD-2440	24.0	400	C

Basic specification for all models

- Output lead is 1.8 metres long, with a multi-choice pack of 6 connectors as standard; dedicated connector at customer choice and reduced price
- UK and Euro units comply with EN60950 and CE requirements
- UL and CSA approval on North American units
- Units to other country-specific and medical approvals available to customer order
- One-shot thermal fuses fitted as standard. Resettable fuses, poly switches or PTCs available to customer order
- BABT approval on any model to customer order

Table 1

Case Type	Case Type	Length L	Width W	Height H	Weight gm	Typical AC/AC	regulation (%) AC/DC unreg
A	35	62	51	42	200	22	33
B	41	78	52	45	295	15	30
C	48	99	61	48	480	10	35
D	57	100	70	58	750	10	35
E	66S	110	93	67	1100	8	25

Customised Linear Adaptors

We are able to supply most types of adaptors to meet our customer's special requirements. Samples can normally be supplied within 5 working days from our UK facility where we are capable of manufacturing small and medium volume production quantities. When a unit is required in high volume or costs need to be reduced, we can transfer production to our far-eastern facilities.

F	66L	130	93	67	1230	8	20
G	84	150	110	93	1600	8	18

all dimensions are in millimetres (mm)

Output Connectors



all dimensions are in millimetres (mm)

Our range of linear adapters can be designed to offer any output voltage from 1 Vac to 110 Vac or from 1 Vdc to 55 Vdc. Power ratings from 1VA up to 150VA and 1 Watt up to 100 Watts.

We often design these units to meet system start-up, load surge requirements, which can be as high as 50% above rated power.

Each of the 6 output connectors can plug into the connector marked TIP that terminates the lead from the adaptor. They can plug in either of two ways, so that TIP points to the + (shown here) or the - on the other side of the output connector, giving + or - at the tip of the connector.

For regulation figures of all these models see table 1 opposite.



Stontronics Ltd, 1 Arkwright Road, Reading, Berkshire RG2 0LU, United Kingdom

phone: +44 (0)118 931 1199, fax: +44 (0)118 931 1145

email: info@stontronics.co.uk

www.stontronics.co.uk