

# Linear & Switch Mode PSUs - Operating Costs Comparison

The following comparison chart gives an indication of the typical annual running cost savings when upgrading from a linear to switch mode power supply.

Model	Type	Power in Watts	Annual Cost	Approx Annual Saving
<b>1A PSUs</b>	Linear	23.4	£26.59	<b>£12.24</b>
	Switch Mode	12.6	£14.35	
<b>2A PSUs</b>	Linear	44.4	£50.56	<b>£22.21</b>
	Switch Mode	24.9	£28.36	
<b>3A PSUs</b>	Linear	59.0	£67.19	<b>£25.40</b>
	Switch Mode	36.7	£41.79	
<b>4A PSUs</b>	Linear	72.9	£83.02	<b>£27.22</b>
	Switch Mode	49.0	£55.80	
<b>5A PSUs</b>	Linear	89.5	£101.92	<b>£30.29</b>
	Switch Mode	62.9	£71.63	

**Note**

*Figures based on actual measurements taken with Elmdene 13.8V dc power supplies under typical operating conditions. Electricity costs based on 13p/KWH. Savings are not guaranteed. Actual savings achieved will depend upon individual power supply models in use and application specific operating conditions.*

**Good for you - good for your customers - good for the environment**

*Together we can make a difference!*



# Think green, think Elmdene Power Supplies!

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## Energy Efficient Switch Mode Power Supplies

Being 'green' is a key consideration when choosing products these days.

At Elmdene we understand this and actively 'build in' energy efficiency into our products. Take our switch mode power supply units. They are typically 80-87% efficient compared to linear equivalents which are around 50-55% efficient. That's a significant difference!

By choosing Elmdene switch mode power supplies could mean a potential annual saving of £30 (see over for details) when compared to linear power supply units.

### Benefits of Elmdene Switch Mode PSUs:

- More efficient in operation
- Saves money by reducing power bills
- Significantly reduces your customer's carbon footprint
- Longer life in the field
- Less prone to failure
- 3 year warranty

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