

BLOCK UK Ltd

Tel:01621 850666 Fax: 01621 850711

Information sheet

Transformers

De-rating

The calculation for de-rating the Transformers is as follows:

$$P_{\max} = VA \times \text{Factor} \quad \text{e.g. } 30VA \times 0.87 (50^{\circ}\text{C}) = 26.1VA$$

<u>Ambient Temperature</u>	<u>x Factor</u>
25°C	1.14
40°C	1.00
45°C	0.93
50°C	0.87
55°C	0.80
60°C	0.73
65°C	0.67
70°C	0.60
80°C	0.50