

# ATLANTIC

## Range of Transformers

240V Step-down to 100V or 115V to allow use of most USA appliances and machines

### How to use USA and Japanese office and domestic equipment in the UK and Europe

Nowadays, with the ease of international travel, companies are able to post staff abroad for long periods and families are re-establishing themselves, often bringing with them all their domestic appliances and equipment. Problems arise when they come to 'plug in' to the mains in the UK and Europe. USA supply is 120V, 60Hz and Japan is between 100V, 50Hz and 105V 60Hz.

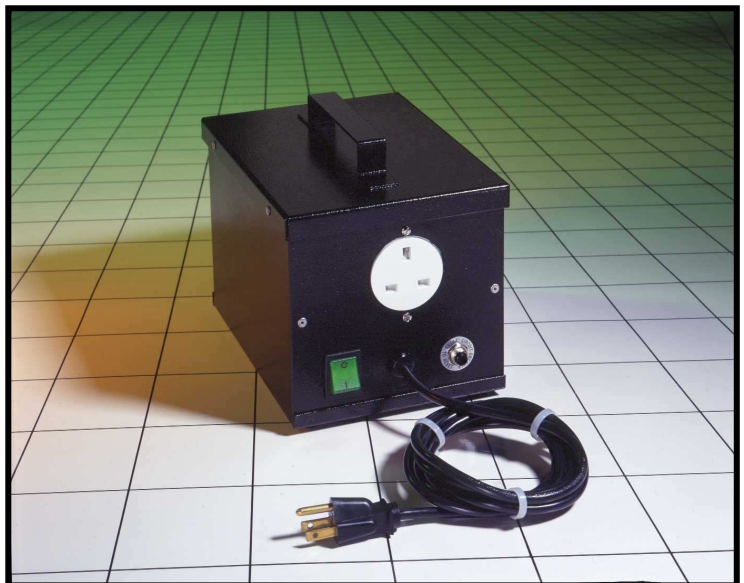
(Source: BSI World Electricity Supplies).

The Atlantic range of portable transformers have an output that is suitable for all appliances from the USA and Japan with the exception of some frequency dependent items, for example clocks. Auto transformers are suitable for the higher power levels, (e.g. refrigerators, skillets) and are lighter and cheaper. Isolation transformers are useful for sensitive equipment such as computers and other IT equipment where isolation\* may be an advantage. Ratings are based on an intermittent duty cycle of 50%. In practice this means 'half hour on - half hour off'.

\*Bathrooms, shower/wet rooms, outdoors, Isolation type highly recommended.

Also in our range is the TAA autotransformer. Built around the same tried and tested enclosure as the MAA and MAI, the TAA provides the correct voltage for European equipment when used in the USA. As with the MAA most appliances can be used with the exception of frequency dependent items. The unit has the same over-current protection and illuminated switch. Three power ratings are available in the TAA range, all are fitted with a standard UK 13A mains outlet and a 3 pin US plug lead.

**NOTE:** The TAA is intended for use only in the USA or countries with equivalent power outlets.



**B.C. ELECTRICAL TECHNIQUES LTD**

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**ESTRASIL**

# ATLANTIC RANGE OF TRANSFORMERS

Designed and made in the UK

**240V Step-down to 110V or 115V to allow use of most USA appliances and machines  
PRICES AS AT January 2019**

Rating (Watts)	Construction	Order Code	Outlets	Weight KGs (approx.)	Price £ Excl. VAT
<b><u>AUTO TRANSFORMERS</u></b>					
550	STEEL CASE	MAA/550/2	1	6.0	59.70
1000	OPEN	OAA/1000	-	7.0	53.77
1000	STEEL CASE	MAA/1000/2	2	8.0	74.47
2000	STEEL CASE	MAA/2000/2	2	10.0	109.12
2500	STEEL CASE	MAA/2500/2	2	11.5	128.08
<b><u>ISOLATION TRANSFORMERS – (TO EN60742)</u></b>					
200	STEEL CASE	MAI/200/2	2	5.5	64.19
500	STEEL CASE	MAI/500/2	2	7.5	79.19
1000	STEEL CASE	MAI/1000/2	2	11.0	103.99
2000	STEEL CASE	MAI/2000/2	2	16.5	177.27

**115V Step-up to 230V to allow use of most European appliances and machines in USA**

Rating (Watts)	Construction	Order Code	Outlets	Weight KGs (approx.)	Price £ Excl. VAT
<b><u>AUTO TRANSFORMERS</u></b>					
500	STEEL CASE	TAA/500/1	1	6.5	90.36
1000	STEEL CASE	TAA/1000/1	1	8.5	115.67
1800	STEEL CASE	TAA/1800/1	1	10	134.33

DISCOUNTS FOR QUANTITIES ON APPLICATION

## **B.C. ELECTRICAL TECHNIQUES LTD**

Designers and Manufacturers of Transformers and Inductors

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