



Astec Standard Power Europe
Astec House, Waterfront Business
Park, Merry Hill, Dudley
DY5 1LX, UK
Tel: 01384 842211
Fax: 01384 843355

Astec Germany GmbH
Robert-Heil-Str. 8
36251 Bad Hersfeld
Tel: 06621-5057-0
Fax: 06621-5057-20

Astec France
Les Arcades
424, la Closerie Mont d'Est
93194 Noisy Le Grand
Tel: (1) 43 05 86 80
Fax: (1) 43 04 60 33

Application Note Number117....

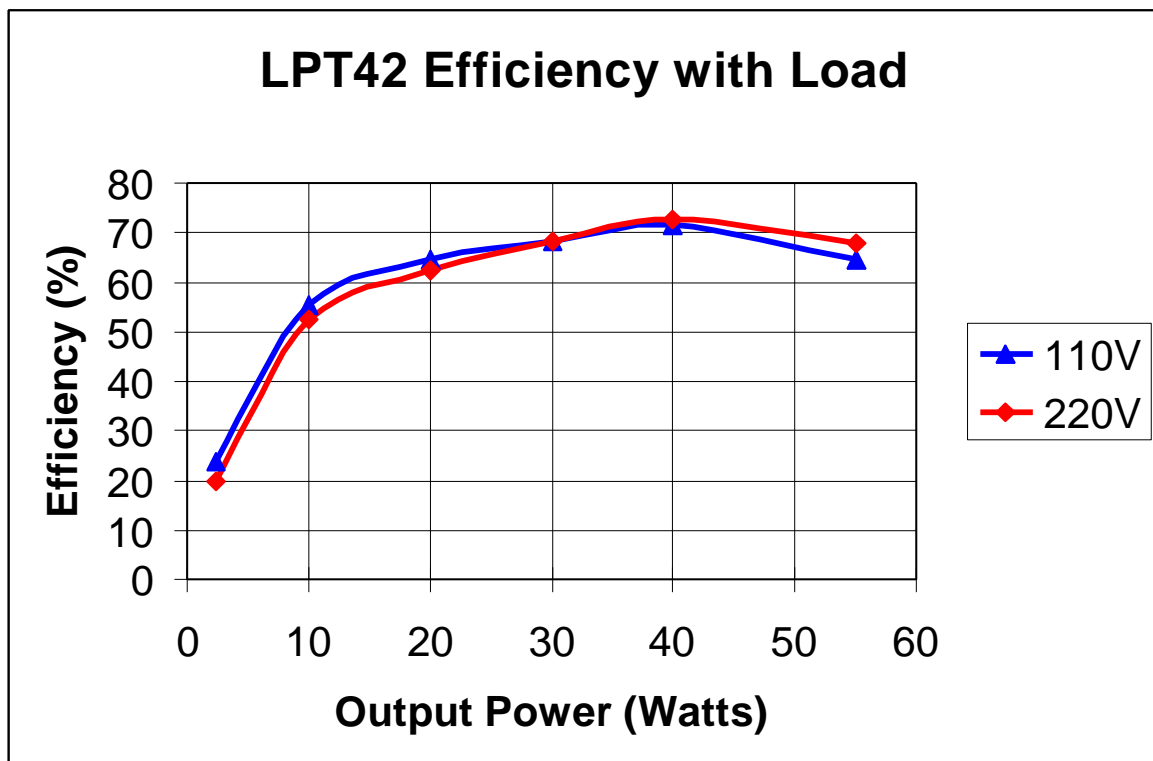
Product : LPT42
Application Overview: Efficiency against Load for different line voltages

Originator: G. Fry

Location: Merry Hill

Date: 17/9/99

Schematic



Description

The LPT42 is highly efficient 40W power supply. It achieves over 70% efficiency at both European and American line voltages at the full 40W load. At half power it still achieves 63-65% efficiency and when delivering its maximum power of 55W it is also 65-68% efficient.

The figures shown in the above graph were measured on a typical unit using a Voltech Power Analyser.