

Part Number: HEMP250G Range - 200-250Watt Desktop C14

Product Image



Level  Compliant

Input

Input Voltage Range 90 - 264VAC
 Frequency Range 47 - 63 Hz
 Rated Input Current 2A RMS Max.
 Inrush Current 12.5Arms Max @ 230VAC
 Input current 2.4A at 115Vac | 1.3A at 230Vac
 Earth Leakage Less than 0.3mA
 Power Factor & Harmonic Correction PF 0.96 to 0.99 full load
 Standby Power (no load) <0.5W @ 230Vac
 Efficiency 89% min. Average
 EuP / ErP compliant Yes. Level V Compliant
 Mains Inlet 3 pole IEC320-C14 (kettle)

Output

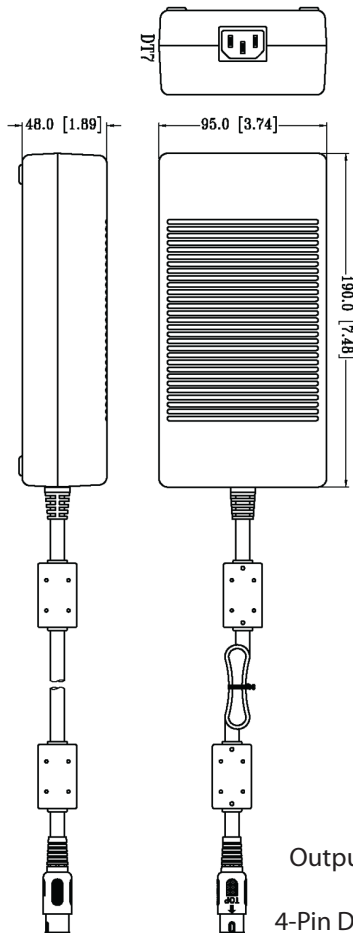
Model No.	O/P Voltage	O/P Current
HEMP250G-S12	12Vdc	16.6A (199.2 Watt)
HEMP250G-S24	24Vdc	10.4A (249.6 Watt)
HEMP250G-S48	48Vdc	5.2A (249.6 Watt)

Minimum Load Current 0Amp
 Line Regulation +/- 1%
 Load Regulation +/- 3%
 Ripple and Noise 1% peak to peak
 Over Voltage Protection (OVP) Built-in (latch mode)
 Over Temp. Protection (OTP) Built-in
 Overload Protection (OLP) Built-in protection between 110-130%
 Output Connection Style Optional
 Hold Up Time 20ms
 Operating Temperature 0 °C To +40 °C
 Storage Temperature -20 °C To +85 °C

Safety & Other

Switching Frequency 85-100KHz
 Circuit Topology Half-Bridge ZVS Circuit
 Cooling Free air convection
 Power Density 3.78 Watt/Cubic Inch
 Transient Response Output Voltage returns in less than 1ms following a 25% load change.
 Safety Approvals Meet Medical IEC 60601-1, & ITE IEC60950-1 Class 1

Mechanical Drawings (mm & Inches)



Construction: Impact resistant plastic enclosure case.

Output Connector = optional.
 4-Pin Din as standard.

Disclaimer

Stontronics Ltd accepts no responsibility for typographical errors in the production of this leaflet. Product specifications are subject to change without notice.

For more information please contact us:
 Stontronics Ltd,
 Chancerygate Business Centre, Cradock Road, Reading, Berkshire, RG2 0AH
 Tel: 0118 931 1199
 Fax: 0118 931 1145
 Email: info@stontronics.co.uk • www.stontronics.co.uk

Stontronics Ltd is ISO 9001:2008 registered.

