

Specifications:

Input

Input voltage	: 100 to 240 V ac
Input frequency	: 50 to 60 Hz
No load power consumption	: < 0.3 W
Input full load current	: 0.25 A at 120 V ac
Maximum input power	: 17 W

Output

Light load output voltage	: 12 V dc $\pm 10\%$
Full load output voltage	: 12 V dc $\pm 10\%$
Minimum load output current	: 0 mA
Maximum load output current	: 1.000 mA
Noise test bandwidth	: 20 MHz Each output bypassed by a 10 μ F electrolytic capacitor parallel with a 0.1 μ F ceramic capacitor to GND
Line regulation	: 0.5% input 90 to 264 V ac output loaded at full load
Setup, rise, hold uptime	: 200 ms, 30 ms, 17 ms / 115 V ac; 200 ms, 20 ms, 80 ms / 230 V ac

Overall Performance

Maximum total output power	: 12 W
Efficiency	: Complied with EUP

Protection

Over current protection
Over voltage protection
Over power protection
Short circuit protection
LPS (Limits for power source)
Other

HI-Pot

Input to output	: 3,000 V ac 5 mA 50/60 Hz
Input to case	: 3,000 V ac 5 mA 50/60 Hz
Output to case	: 1,500 V ac 5 mA 50/60 Hz
Isolation resistance	: 100 M Ω I/P - O/P I/P/Enclosure

Environmental

Operating temperature	: 0°C to 25°C
Storage temperature	: -20°C to 60°C
Operating humidity	: 20% - 85% RH. Non - Condensing
Storage Humidity	: 10% - 90% RH. Non - Condensing

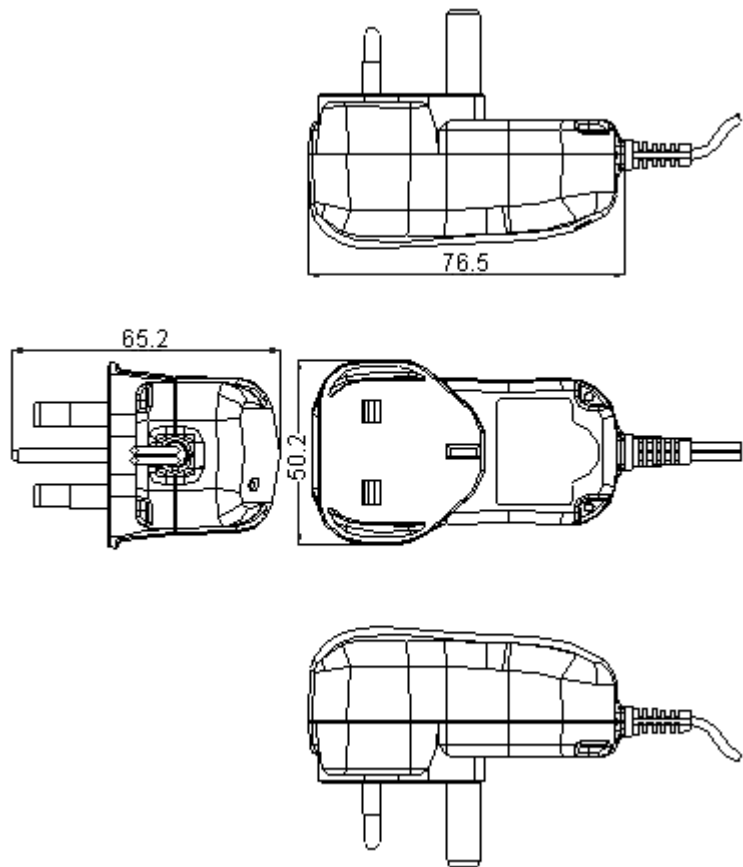
Reliability

MTBF	: 50,000 hours (Minutes)
Burn - In	: 8 hours 25°C, full load, 220 V ac, 50 Hz

Mechanical Specification

Dimension	: 76.5 (L) × 50.2 (W) × 65.2 (H) mm
Weight	: 125 g max. exclude packing
Inputs cord	: -
Input plug	: UK
Output cord	: 1.8 M
Output plug	: 2.5 × 5.5 × 12 mm
Output connector	: Centre positive

Appearance and Dimensions



Dimensions : Millimetres

Part Number Table

Description	Part Number
AC - DC Power Supply 12 V 1 A 2.5 mm DC Plug	NK120P100PUK/G+

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