

## 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	: 85 mA at 120 V ac

### Output

Light load output voltage	: 12 V dc $\pm$ 5%
Full load output voltage	: 12 V dc $\pm$ 5%
Minimum load output current	: 0 mA
Maximum load output current	: 500 mA
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	: 6 W
Efficiency	: Complied with EUP

### Protection

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

### 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 $\Omega$ 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

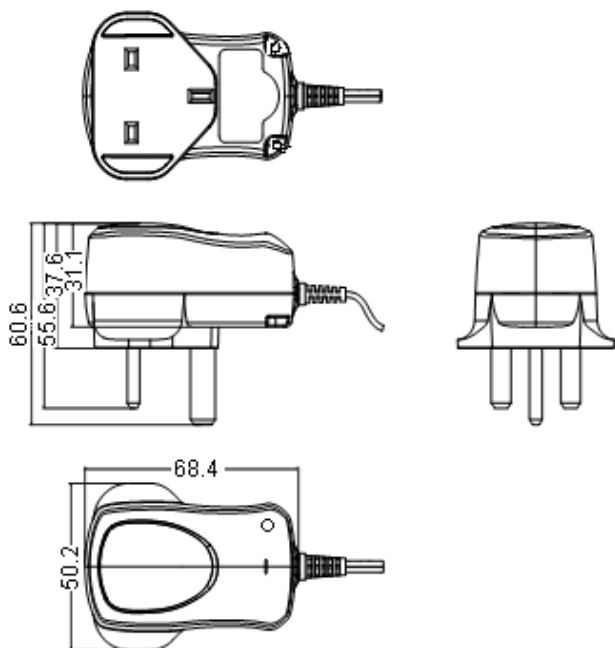
### Reliability

MTBF	: 50,000 hours (Minutes)
Burn - In	: 4 hours 25°C, full load, 220 V ac, 50 Hz

## Mechanical Specification

Dimension	: 68.4 (L) x 50.2 (W) x 60.6 (H) mm
Weight	: 68 g max. exclude packing
Input cord	: -
Input plug	: UK
Output cord	: 1.8 mm
Output plug	: 2.5 x 5.5 x 12 mm
Output connector	: Centre positive

## Appearance and Dimensions



Dimensions : Millimetres

## Part Number Table

Description	Part Number
AC - DC Power Supply 12 V 500 mA 2.5 mm	NC120P050PUK/G+

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