



IDEALPOWER

experts in power conversion

Ideal Power Ltd Product Specification Document

Description	Ext. PSU
Model Number	77DB-12-24M
Revision	A1
Notes	-

Ideal Power Ltd

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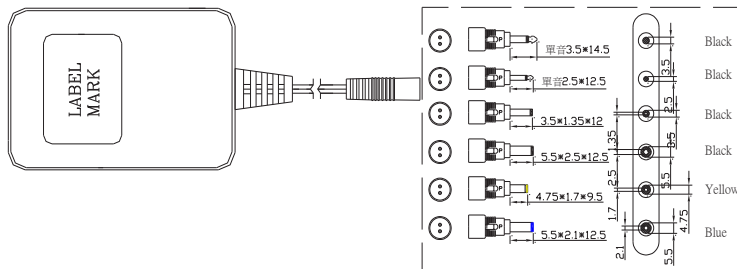
77DB-12-24M

INPUT VOLTAGE 240VAC
OUTPUT VOLTAGE **24VAC**

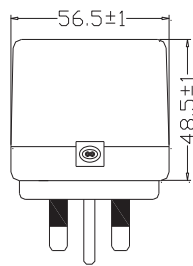
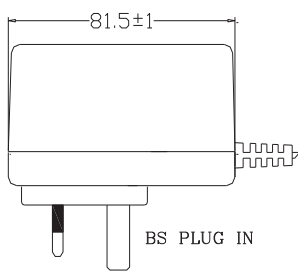
ELECTRICAL & MECHANICAL SPECIFICATION



**BS EN61558 1 8 7 1 8
KM81689**



OUTPUT CORD:
2468 22AWG*2C 80°C



ELECTRONICAL SPECIFICATION

Input Voltage	240	Volts
Frequency (Hz)	50	Hz
Power Rated (W)	18	W
Exciting Current With No load	70	mA Max
Exciting Current With Full load	120	mA Max
Output Voltage	24.0	Volts±5%
Output Current	0.5	Amp
Output Voltage Without Load	28.4	Volts±5%

HI-POT :

Test Time	1	Min
PRI TO SEC	3750	Volts
PRI TO CORE	3750	Volts
SEC TO CORE	1250	Volts
Efficiency	70	%
Insulation Class	B (130)	°C

MECHANICAL SPECIFICATION

Dimensions (L*W*H)	81.5*56.5*48.5	mm
Weight	370	g
Environment:		
Operating Temperature	-10 To 40	°C
Storage Temperature	-20 To 70	°C
Relative Temperature	40°C±2°C	
RELATIVE HUMIDITY	90% RH	

Input Cable: **BS PLUG IN**
Output Cable: **2468 22AWG/2C 80°C 1.8M LENGTH+JACK**

ELECTRICAL CIRCUIT

