INPUT

MODEL		9V DC	12V DC
AC Input Voltage	Min	90V	90V
	Normal	100–240V	100–240V
	Max	264V	264V
AC Input Frequency	Min	47Hz	47Hz
	Normal	50 60Hz	50/60Hz
	Max	63 Hz	63 Hz
AC Input Current 230V AC (max)		0.3A	0.3A
Input Power (max)		17.14W	17.14W
AC Inrush Current*		No damage shall be incurred and input fuse shall not blow	
Primary current protection		An internal fuse on the AC input line is provided.	
Configuration		Wall-mount, AU pin, 2 conductors <Active, Neutral>	

* 230V AC 50Hz. Full-load. 25ºC, Cold start.

Power consumption at no load

MODEL	9V DC	12V DC
Input current	≤25mA	≤25mA
Input 230V AC 50 Hz	≤0.5W max	≤0.5W max

OUTPUT

MODEL	9V DC	12V DC
Normal DC Output Voltage	+9.0V	+12.0V
Maximum Load Current	2.0A	1.5A
Minimum Load Current	0.0A	0.0A
Rated Output Power	18.0W	18.0W
Efficiency (Minimum)	76.0% *	76.0% **
Total Output Regulation	±5%	
Line Regulation ***	±2%	
Ripple and Noise ****	100mV	120mV
Turn-on Delay (max)	2 Seconds	

* At normal input voltage.
** At normal input voltage and ¼, ½, ¾ and full load.
*** At normal input voltage and full load.
**** Voltage measured P-P at 20MHz and output parallel with 0.1uF & 10uF electrolytic capacitors to ground.
***** At nominal AC voltage and full load.

MECHANICAL

Model		9V DC	12V DC
Output Cord	Wire	18AWG/2C	18AWG/2C
	Length	2000mm	1800mm
Output Plug		5.5 x x2.1 x x11mm R/A	5.5 x 1.0 x x10mm
Weight (Max)		200g	
Dimensions (Max)		101(L) x 51(W) x 36(H)mm.	
Input Plug Type		Desk type, 2-pin (Active, Neutral)	

ENVIRONMENTAL

Cooling	Natural convection.		
Operating Temperature	0ºC to +40ºC		
Storage Temperature	-20ºC to +60ºC		
Operating Humidity	20 ~ 85 % RH. Non-condensing		
Storage Humidity	5 ~ 95 % RH. Non-condensing		
Vibration Test	Frequency	10 ~ 300Hz	A nominal function test shall be passed after the vibration test.
	Sweep	2 hours. For each axis (X, Y, Z)	
	Acceleration	2G	
	Displacement	0.4mm	

SAFETY

Dielectric withstanding voltage test (Hi-pot test) input to output	3000V AC 10mA for 1 minute..
Leakage Current	0.25mA maximum at normal AC input voltage and frequency

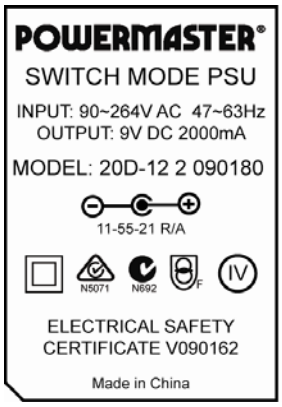
RELIABILITY

Mean Time Between Failure (MTBF)	The power supply is designed to have a MTBF of 50,000 hours.

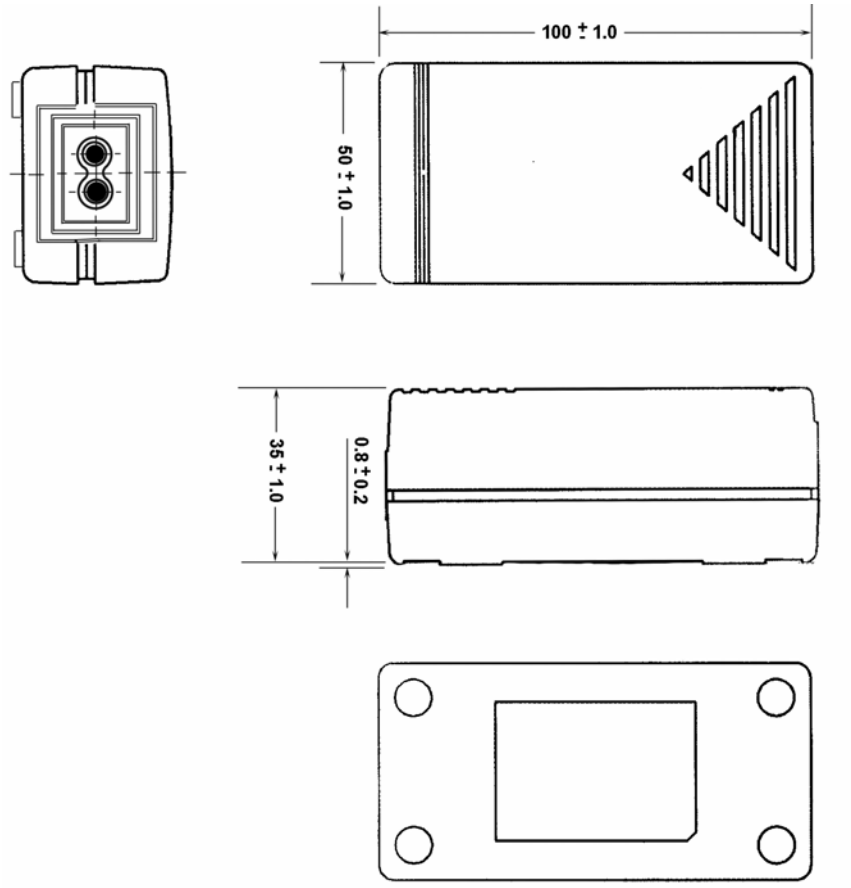
COMPLIANCE

Electrical Safety	Certificate V090162	N5071
EMC	N692	
Energy Efficiency (MEPS Mark)	**9V**	**12V**
	IV	IV

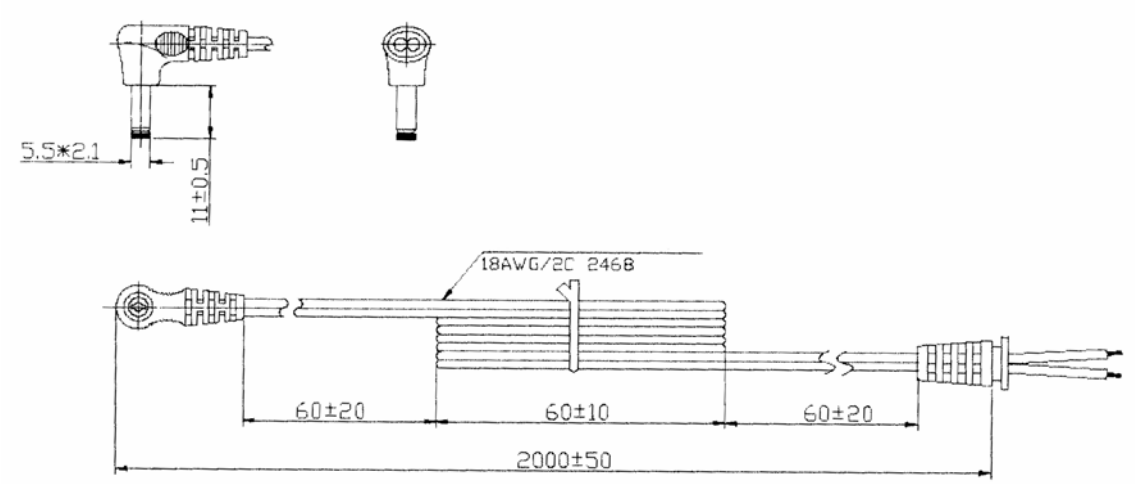
RATING PLATE (Typical)



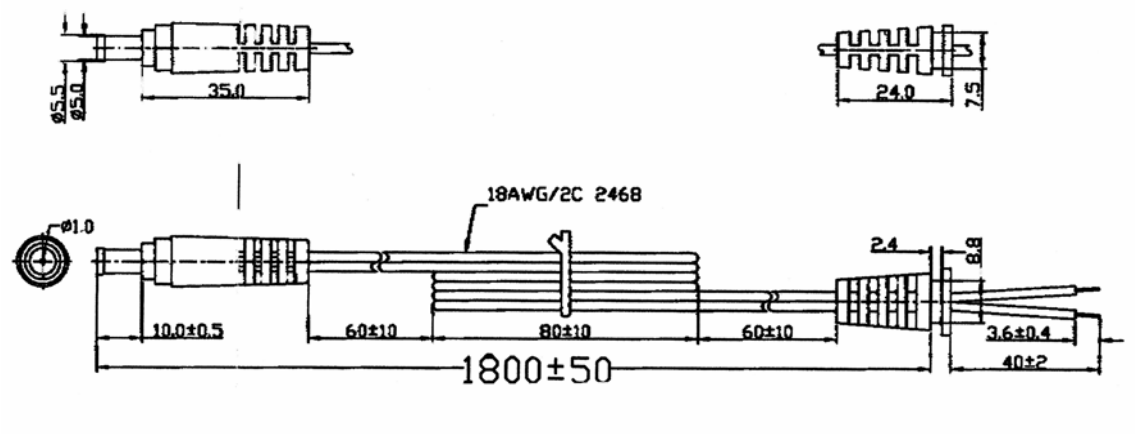
PRODUCT OUTLINE DRAWING



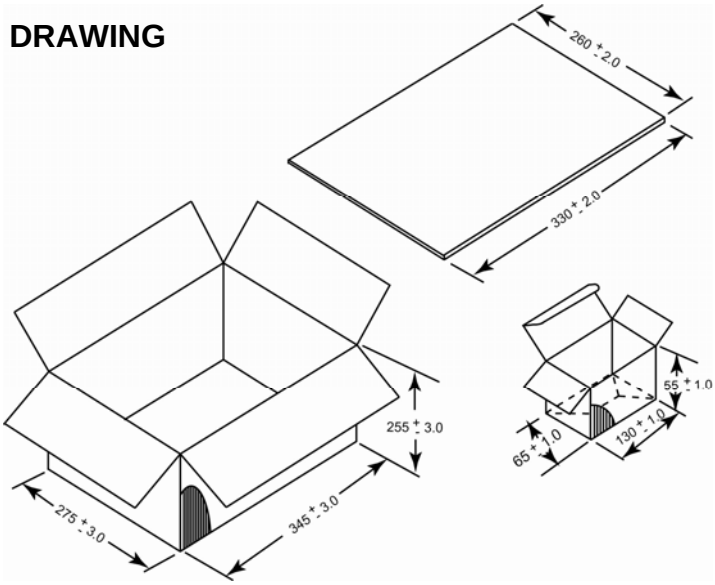
DC OUTPUT CORD DRAWING (T0920-021)



DC OUTPUT CORD DRAWING (T1220-021)



PACKING DRAWING



BOX LABEL (Typical)

MASTER CARTON LABEL (Typical)

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