

## ▶ 24V UNIVERSAL DC POWER SUPPLY

### DESCRIPTION

The DYNAMIX 24V at 1.2A DC Power Supply with a 2.1mm plug is a reliable & versatile solution designed to power a wide range of DC devices & other third-party products that support 24V DC, this power supply delivers consistent & efficient performance to meet the demands of modern networking & electronic applications.

### FEATURES

- Power Supply: 24V@1.2A
- Over current & short circuit protection
- Energy saving (Level 6)
- 2.1mm Power cord
- Straight plug
- Input voltage: 100V~240V AC



PRODUCT CODE	DESCRIPTION	COLOUR
PS24V1.2A	Universal DC Power Supply 24V/1.2A, 2.1mm Straight Plug	Black

### SPECIFICATIONS

Input Voltage Range	90V~264V AC		
Rated Input Voltage	100V~240V AC		
Input Frequency Range	47Hz~63Hz		
Input Current	0.8A Max. (I/P 100V~240V AC)		
Inrush Current	80A Max. at 100V~240V AC		
	<b>Minimum Value</b>	<b>Maximum Value</b>	<b>Remark</b>
Output regulation	22.8V DC	25.2V DC	≤±5%
Output load	0.0A	3.0A	
No load power consumption		0.1W	Input voltage: 115V & 230V AC
Ripple and Noise		200m Vp-p	20MHz Bandwidth
Output Overshoot		10%	
Line regulation		±1%	
Load regulation		±5%	
Turn-on delay time		3000mS	
Hold up time	10mS		Input voltage: 115V AC
	20mS		Input voltage: 230V AC
Certified Safety Standard	AS/NZS62368-1, AS/NZS CISPR22, EMS EN 61000-4-2		

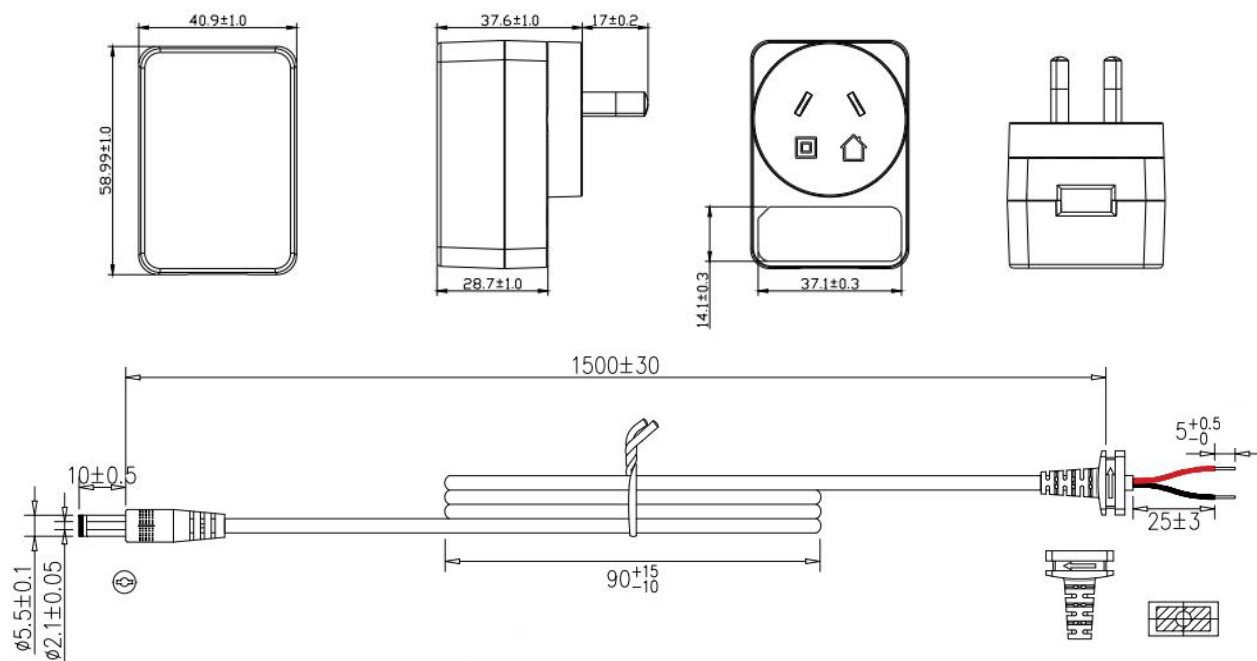


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### SPECIFICATIONS

Environmental Conditions	Operating	Ambient Temperature	-10 °C~40 °C
		Relative Humidity	10%~90%
	Non-Operating	Vibration	1.0mm, 10Hz~25Hz, 15min per cycle for each axis (X, Y, Z)
		Cooling	The power supply will operate with convection cooling
Weight	60g	Ambient Temperature	-20 °C~60 °C
		Relative Humidity	10%~90%
Dimensions (LxWxH)	59x41x28.5mm	Vibration & Shock	The power supply shall be designed to withstand normal transportation vibration per MILSTD-810D, method 514 & procedures X, as it's mounted in the chassis assembly & packed for shipping

### TECH DRAWING



Please note we took the up-most care to compile the information in this datasheet. To the best of our knowledge all info provided were correct at the time of creation. Should any specs change we try to update info accordingly. Information are subject to change without notice. In the case that you find any irregularity please inform our team at [contactus@dynamix.co.nz](mailto:contactus@dynamix.co.nz)  
 Last updated: 9 January 2025

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