



## WolfPac Normal Operating Environment

### WolfPac Electric Power Parameters:

AC Input Voltage	100 to 240 VAC
Frequency	50 to 60 Hz
AC Input Current Draw Max	10 Amps
Output Power Max	300 Watts
Power Unit Heat Dissipation	153 Btu per hour

### Normal Environmental Considerations:

Operating Temperature Range	33 to 100 °F (1 to 39 °C)
Operating Humidity Range	10 to 80 percent non-condensing
Non-operating Humidity Range	5 to 85 percent non-condensing
Non-operating Temperature Range	-4 to 149 °F (-25 to 65 °C)
Operating Altitude Maximum	10,000 ft (3000m) at 77 °F (25 °C)
Normal operating temperature:	<80 °F (27 °C)

### Normal WolfPac Operating Requirements:

The WolfPac must be plugged into a UPS system regulating and filtering the power to the WolfPac. Acceptable units may be purchased from any one of the following manufacturers:

**APC**      <http://apc.com/index.cfm>  
**Tripp-Lite**      <http://www.tripplite.com/>

The WolfPac's WAN and LAN connections must also be surge protected. The following firms manufacture acceptable coax surge protection units:

[http://www.apc.com/resource/include/techspec\\_index.cfm?base\\_sku=PV](http://www.apc.com/resource/include/techspec_index.cfm?base_sku=PV) (In-line coax surge suppressor)  
[http://www.roxsat.biz/product\\_info.php?products\\_id=109](http://www.roxsat.biz/product_info.php?products_id=109) (In-line coax surge suppressor)

**Other manufacturers produce acceptable battery backup/UPS systems and surge suppression devices. The above manufacturers are offered as examples of system or unit characteristics and quality that must be purchased and installed.**

NetWolves' product warranty applies only to its products that have been installed with the proper UPS and surge protection systems in place and to WolfPac's operated within its Normal Operating Environment.