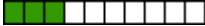


## Cisco Power Calculator -Power Results



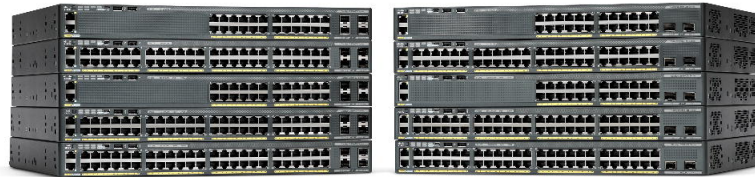
*Disclaimer: The Cisco Power Calculator is intended to be an educational resource and a starting point in planning your power requirement; it is not a final recommendation from Cisco. This tool does not check for software compatibility. To determine the power requirements and software most appropriate for your company we suggest you work with a Cisco representative, Cisco channel partner or a solutions provider.*

### Product Family:Catalyst 2960XR

| Power Consumption/Heat Dissipation Summary |                                                                                             |                                      |                                 |                                      |                                 |
|--------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------|--------------------------------------|---------------------------------|
| Product                                    | Percentage of PoE Power used                                                                | Total PoE Output Power Available (W) | Total PoE Output Power Used (W) | Total PoE Output Power Remaining (W) | Total Heat Dissipation (BTU/Hr) |
| WS-C2960XR-48LPS-I                         | 21.41%<br> | 370.00                               | 79.20                           | 290.80                               | 242.17                          |

| Switch Details     |                                                   |                                                |
|--------------------|---------------------------------------------------|------------------------------------------------|
| Product            | Switch Power Consumption (with no PoE Devices)(W) | Heat Dissipation (with no PoE Devices)(BTU/Hr) |
| WS-C2960XR-48LPS-I | 52.9                                              | 205.29                                         |

## Quick Facts



|                     |                                                                           |
|---------------------|---------------------------------------------------------------------------|
| Selected Product    | WS-C2960XR-48LPS-I                                                        |
| Product Description | 48 Ethernet 10/100/1000 PoE+ ports, 370W PoE capacity, 4 SFP uplink ports |
| Rack Unit           | 1                                                                         |

## Power Supply Details

| Minimum Power Supply        | Percentage of Power Used | Total available PoE power for this PSU (W)             | Total Output Power Used (W) | Total Output Power Remaining (W) |
|-----------------------------|--------------------------|--------------------------------------------------------|-----------------------------|----------------------------------|
| <b>WS-C2960XR-48LPS-I</b>   | <b>21.41%</b><br>        | <b>370.00</b>                                          | <b>79.20</b>                | <b>290.80</b>                    |
| Second Power Supply Options | Percentage of Power used | Total available PoE power for this PSU combination (W) | Total Output Power Used (W) | Total Output Power Remaining (W) |
| PWR-C2-640WAC               | 21.41%<br>               | 370.00                                                 | 79.20                       | 290.80                           |

## PoE Devices Details

| PoE Devices                           | Quantity | Powered Device Output Power (W) | Heat Dessipation (BTU/Hr) |
|---------------------------------------|----------|---------------------------------|---------------------------|
| AP-1200 with a+b radios (11.6W)       | 1        | 11.60                           | 5.40                      |
| IEEE 802.3af Device - Class 0 (15.4W) | 1        | 15.40                           | 7.17                      |

|                                       |              |                  |                           |
|---------------------------------------|--------------|------------------|---------------------------|
| IEEE 802.3af Device - Class 1 (4W)    | 1            | 4.00             | 1.86                      |
| AP-1100 with b/g radio (4.9W)         | 1            | 4.90             | 2.28                      |
| AP-1200 with a radio (8.5W)           | 1            | 8.50             | 3.96                      |
| IEEE 802.3af Device - Class 3 (15.4W) | 1            | 15.40            | 7.17                      |
| AP-1200 with a+g radios (12.4W)       | 1            | 12.40            | 5.77                      |
| IEEE 802.3af Device - Class 2 (7W)    | 1            | 7.00             | 3.26                      |
|                                       |              | Output Power (W) | Heat Dissipation (BTU/Hr) |
|                                       | <b>Total</b> | <b>79.20</b>     | <b>36.88</b>              |