



## Cisco Power Calculator 簡易説明書

<http://tools.cisco.com/cpc/launch.jsp>

上記へアクセスすると下記画面が表示されますので、「Launch Cisco Power Calculator」をクリックします。

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Cisco Power Calculator  
Security Assessment Tool

### Cisco Power Calculator

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The Cisco® Power Calculator enables you to calculate the power supply requirements for a specific Power over Ethernet (PoE) configuration. The results will show output current, output power, and system heat dissipation. The Cisco Power Calculator supports the following Cisco product switching and routing platforms: Cisco Nexus 7000, Cisco Catalyst® 6500 Series, Catalyst 4500-E/4500 Series, Catalyst 3750-E/3750 Series, Catalyst 3560-E/3560 Series, Catalyst 2960 Series, Catalyst 2975 Series, Catalyst Express 500 Series, and the Cisco 7600 Series Router.

The calculator is an educational resource and a starting point in planning your power requirements; it does not provide a final power recommendation from Cisco. 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.

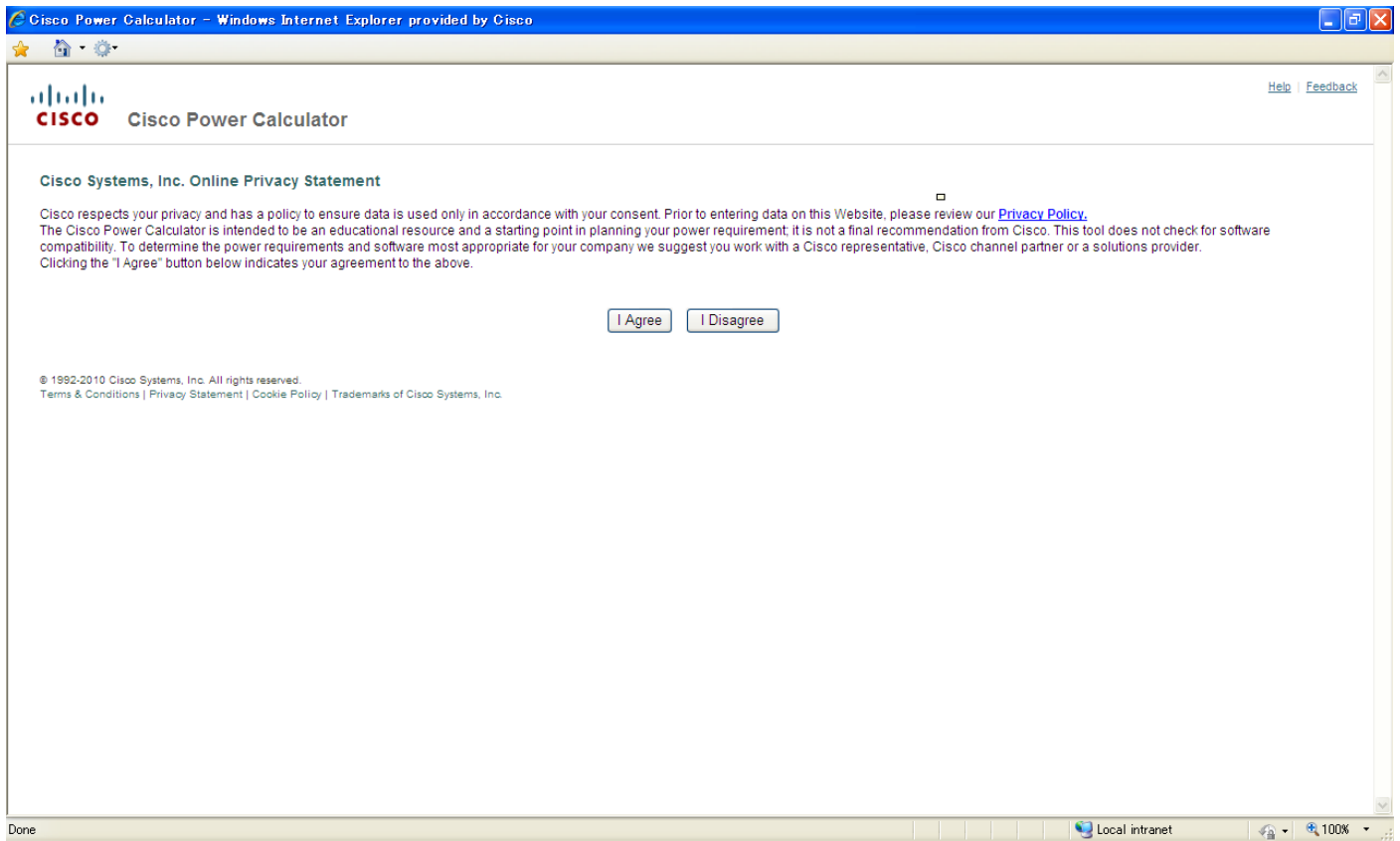
The Cisco Power Calculator will guide you through a series of selections for configurable products. If you want to change a previous selection, click the browser Back button. To return to the Product Family page, click the Start Over button. If you want to save a completed calculation on your hard disk, press ALT-F and A and then save the file as a HTML file. For maneuvering back and forth between different screens, it is recommended to use the individual tabs and links on each page.

Important: Read the Notes and [Tutorial/Q&A](#) sections. They explain how the calculator derives the final power results. A training [Video on Demand](#) is available for your perusal.

If you have questions, click the [Feedback](#) button. Include your complete configuration, and provide as many details as possible so that we may respond correctly to your initial inquiry. Your feedback will be used to determine future enhancements to the calculator.

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CISCO Cisco Power Calculator

Start Over

SELECT PRODUCT | SELECT PLATFORM | POWER CALCULATION

For explanation of following terms, click [Tutorial/Q&A](#)

- Power Consumption/Heat Dissipation Summary
- Quick Facts
- Switch Details
- PoE Device Details

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**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-C3750E-24PD	0.00 %	370.00	0.00	370.00	204.90

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**Switch Details**

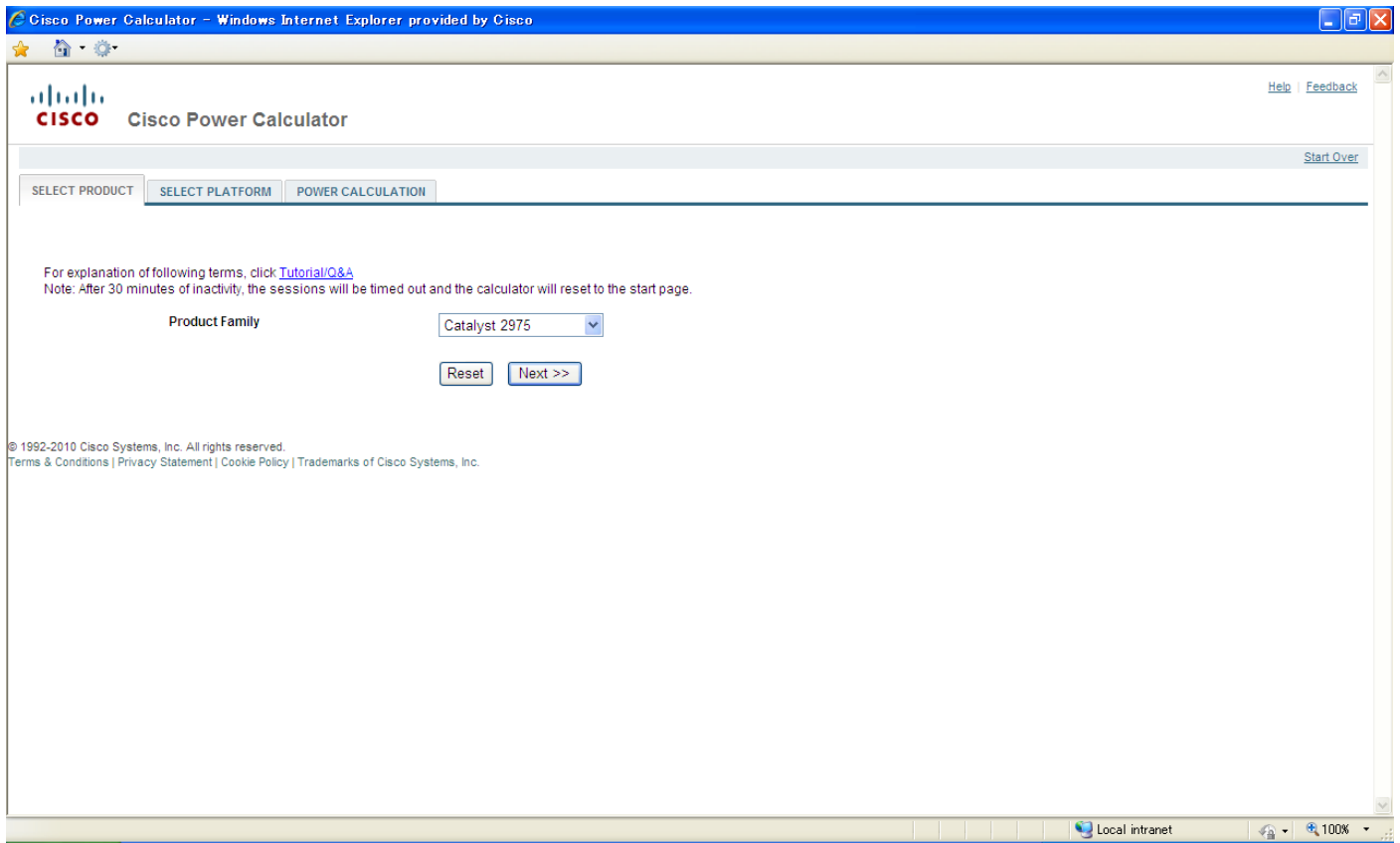
Product	Switch Power Consumption (with no PoE Devices) (W)	Heat Dissipation (with no PoE Devices) (BTU/Hr)
WS-C3750E-24PD	60.00	204.90

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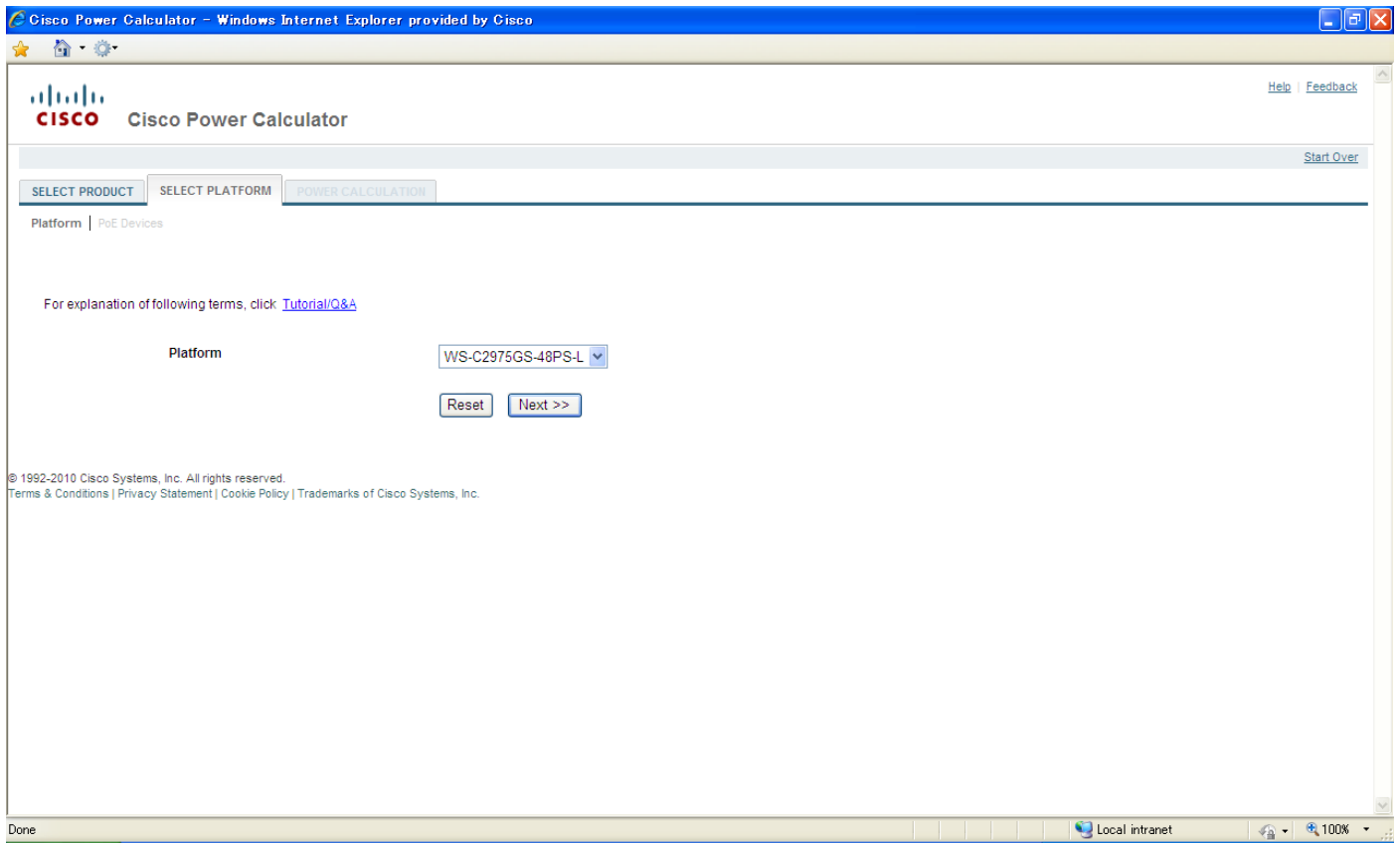
**Quick Facts**

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「I Agree」 ボタンをクリックすると、上記画面が出てきます。ここでは例として、「WS-C2975GS-48PS-L」の電力を調べるために、「SELECT PRODUCT」をクリックします。



「Product Family」を「Catalyst 2975」にして、「Next >>」ボタンをクリックします。




「Platform」を「WS-C2975GS-48PS-L」にして、「Next>>」ボタンをクリックします。

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The power displayed for each powered device is the wattage required at the switchport for each of these devices. Due to heat dissipation, there is some power loss as power travels over the copper wiring or as it is converted by the power supplies within the switch. For this reason, the power required from the power supply may be greater than the power required at the switchport.

PoE Devices	Quantity
7906G - 0.119 amps (5W)	<input type="text" value="0"/>
7911G - 0.119 amps (5W)	<input type="text" value="0"/>
7941G - 0.15 amps (6.3W)	<input type="text" value="0"/>
7941G-GE - 0.3071 amps (12.9W)	<input type="text" value="0"/>
7961G - 0.15 amps (6.3W)	<input type="text" value="0"/>
7961G-GE - 0.3071 amps (12.9W)	<input type="text" value="0"/>
7971-G-GE- 0.3666 amps (15.4W)	<input type="text" value="0"/>
7985G - 0.2988 amps (12.55W)	<input type="text" value="0"/>
AP-1100 with b/g radio (4.9W)	<input type="text" value="0"/>
AP-1200 with a radio (8.5W)	<input type="text" value="0"/>
AP-1200 with a+b radios (11.6W)	<input type="text" value="0"/>
AP-1200 with a+g radios (12.4W)	<input type="text" value="0"/>
AP-1200 with b radio (6.2W)	<input type="text" value="0"/>
AP-1200 with g radio (6.5W)	<input type="text" value="0"/>
AP-1200 with no radio (4.4W)	<input type="text" value="0"/>
AP-350 (6W)	<input type="text" value="0"/>
CP-7902G (5.6W)	<input type="text" value="0"/>
CP-7905G (5.6W)	<input type="text" value="0"/>
CP-7910-SW (6.3W)	<input type="text" value="0"/>
CP-7910G (6.3W)	<input type="text" value="0"/>
CP-7912G (6.3W)	<input type="text" value="0"/>

**Quick Facts**



Selected Product	WS-C2975GS-48PS-L
Product Description	Catalyst 2975 48 10/100/1000 PoE ports + 4 SFP
Rack Unit	1

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必要に応じて、「PoE Devices」数を記入します。記入したら、「Next>>」ボタンをクリックします。

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Start Over

SELECT PRODUCT | SELECT PLATFORM | POWER CALCULATION

For explanation of following terms, click [Tutorial/Q&A](#)

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**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-C2975GS-48PS-L	3.22 %	370.00	11.90	358.10	283.36

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**Switch Details**

Product	Switch Power Consumption (with no PoE Devices) (W)	Heat Dissipation (with no PoE Devices) (BTU/Hr)
WS-C2975GS-48PS-L	80.00	273.20

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**Quick Facts**

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上記画面のように、電力計算結果が出力されます。

注意 1：上記は例として取り上げたものであり、製品番号によって入力項目が異なる場合がございます。

注意 2：上記は例として取り上げたものであり、お客様のご要望に沿って構成頂くようお願い申し上げます。