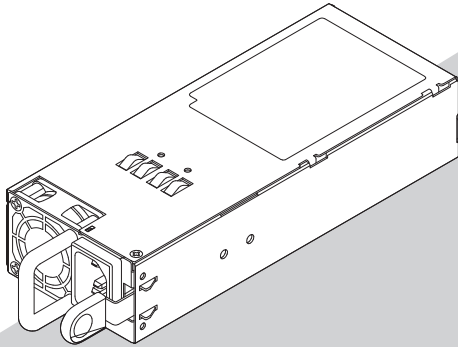


Installation Guide

RP02-200W Module

Order Model No. **70002TH**
70002-MY
70002-ID
70002-SG
70002-NZ

- Thank you for purchasing our product.
- After thoroughly reading the Installation Guide, properly and safely use the product.
- Be sure to read the “**Safety Precautions**” before using the product.
- The instruction guide can be downloaded from the following URL.
<https://panasonic.co.jp/ew/pewnw/english/datadownload/index.html>



Panasonic Electric Works Networks Co.,Ltd.
 2-12-7, Higashi-Shimbashi, Minato-ku, Tokyo Japan, 105-0021
 © Panasonic Electric Works Networks Co.,Ltd. 2022

C1217-20122

Safety Precautions

Be sure to observe them

In order to prevent people from getting harmed, and property from getting damaged, be sure to observe that which is described.

- This describes the extent of harm or damage which will be generated when the product is improperly used.

WARNING

This symbol indicates a potential hazard that could result in serious injury or death.

CAUTION

This symbol indicates safety instructions. Deviation from these instructions could lead to bodily injury and/or property damage.

WARNING

- **Do not use with any other voltage other than AC 100-240 V**
 Otherwise, this might result in fires, electrical shocks, or malfunctions.
- **Do not disassemble, nor modify this device**
 Otherwise, this might result in fires, electrical shocks, or malfunctions.
- **Do not insert, or drop inside of the openings, foreign objects such as metals or combustible objects**
 Otherwise, this might result in fires, electrical shocks, or malfunctions.
- **Do not store, or use in areas which might be exposed to liquids such as water, humid areas, areas where there are conductive dusts, corrosive gases, or flammable gases**
 Otherwise, this might result in fires, electrical shocks, or malfunctions.
- **Use after confirming the usage methods and usage conditions for ZEQUO 6700RE (PN36243E), ZEQUO 6600RE (PN36241E)**
 Otherwise, this might result in malfunctions.
- **After identifying the modules covered for replacing via the main unit’s POWER1 LED, POWER2 LED, CLI, STACK LED, and the RP02-200W Module status LED on the ZEQUO 6700RE (PN36243E), ZEQUO 6600RE (PN36241E) units, replace them**
When replacing, make sure to unplug the power cord, then replace them
 If replacing is implemented without them being identified, the modules might be replaced with unintended modules.

WARNING

- **When the RP02-200W Module or the power supply module blank panel are not mounted, prevent foreign objects from incurring inside, as well as operators from getting inside of the product unit through the power slots**
 Otherwise, Incursion of foreign objects, etc. may cause injuries via the mechanical components, etc. or malfunctions.
- **Do not store, nor use in areas subjected to direct sunlight, or high temperatures**
 Otherwise, this might cause the internal temperatures to rise, or fires.
- **Do not store, nor use in areas where there are lots of vibrations, or impacts, or in unstable areas**
 Otherwise, this might cause falling, injuries, or malfunctions.
- **Do not put the device into fire**
 Otherwise, this might cause explosions or fires.

CAUTION

- **Use the supplied power cord (AC 100-240 V, specifications)**
 Might cause electrical shocks, misoperations, or malfunctions.
- **Be sure to connect the ground cable**
 Might cause electrical shocks, misoperations, or malfunctions. Connect to outlets which are connected to grounds via the supplied power cord.
- **Connect the power cord firmly to the power port.**
 Might cause electrical shocks or misoperations.
- **This device is to be periodically serviced in order to maintain its performance**
 Please choose a product administrator, and have them be sure to implement periodic maintenance. When doing maintenance, check the inspection chart that is posted on our website which has the requisite items listed on it.
- **When using this device to design systems, use it after applying appropriate measures such as setting up redundant configurations**
 Communications failures might be generated due to causes such as malfunctions or misoperations while the device is being used.
- **When using this device for applications which require extremely high reliability, be careful to expend all possible means to ensure safety and reliability**
 This device was not designed nor manufactured with the intention that it be used for applications (in use with railways, aviation, and medical care, etc. whereas the influence rate due to communications failures is extremely high in regard to systems that directly affect systems and human lives) which require extremely high reliability.
- **Be careful in regards to environmental restrictions whereby the device can be used**
 Be sure to isolate the business power lines and communications lines. Isolate distribution lines and other distribution lines, and low current power lines, optical fiber cables, metallic water conduits, and gas conduits, etc. Noise may be generated in the communications lines which might cause communications glitches.

⚠ CAUTION

● Do not store nor use the device in the following areas.

- (Store and use as per the environmental conditions in the specifications)
- Areas where liquids such as water, etc. might be spilled, nor areas where there is high humidity
 - Areas where there is lots of dust, nor areas where there might be electrostatic hazards (on top of carpets, etc.)
 - Areas subjected to direct sunlight
 - Areas prone to condensation, nor high and low temperature areas which do not fulfill the environmental conditions in the specifications
 - Areas where there are strong vibrations or impacts

Usage Precautions

- Request the retail outlet to inspect the interior or perform repairs.
- Properly and firmly mount the RP02-200W Module onto ZEQUO 6700RE (PN36243E), ZEQUO 6600RE (PN36241E).
- Check whether the RP02-200W Module connector is contaminated with dust, etc., if it is contaminated, clean it then mount it.
- Do not touch the metal terminals, nor draw near with electrically charged things. Might cause malfunctions due to static electricity.
- Be careful since misoperations might be caused if the product is used with it exceeding its specification limits.

1. Please note that Panasonic shall not bear any liability whatsoever for any damages (this shall include lost earnings, lost opportunities, etc. but this is not restricted to these things) which were generated in relation to damages caused by operations and usage, or the inability to use this device, whereby the customer does not follow this Installation Guide.
2. The contents described in this document may be changed without prior notice.
3. If you have any questions, please contact the retailer where the product was purchased.

1.1 Feature

The RP02-200W Module (order model number 70002) is a dedicated power module which is mounted into Panasonic manufactured Ethernet Switches ZEQUO 6700RE (PN36243E) and ZEQUO 6600RE (PN36241E).

It cannot be used for other applications.

1.2 Specification

Model name	RP02-200W Module
Model number	70002
Rated input voltage	AC 100-240 V
Operating environmental temperatures	0 – 45°C
Operating environmental humidity	20 – 80% RH (without condensation)

1.3 Accessories

	Quantity
● Installation Guide (this document)	1(*)
* Just the 70002-TH has 1 Installation Guide in Thai (at total of 2 guides)	
● Power code	1

[Power Cord]

The following power cords are supplied as per the intended nation of delivery.

Product Number	Locale	Power Cord Rating	FUSE Rated Current	Plug Type
70002-TH	Thailand	250 VAC 6 A	-	TIS166-2549
70002-MY	Malaysia	250 VAC 10 A	13 A	BS1363
70002-ID	Indonesia	250 VAC 10 A	-	CEE7/7
70002-SG	Singapore	250 VAC 5 A	5 A	BS1363
70002-NZ	Australia New Zealand	250 VAC 10 A	-	AS/NZS 3112

Removing, Mounting, and Replacing the Power Modules

The hot-swappable power supply compatible Ethernet Switches ZEQUO 6700RE (PN36243E) and ZEQUO 6600RE (PN36241E) can have their power modules removed and mounted with the Ethernet Switch units being continuously operated. Refer to the ZEQUO 6700RE (PN36243E) and ZEQUO 6600RE (PN36241E). Installation Guides, and implement the removing, mounting, and replacement procedures for the power modules after confirming the precautions, etc.

◆ Removing the power module

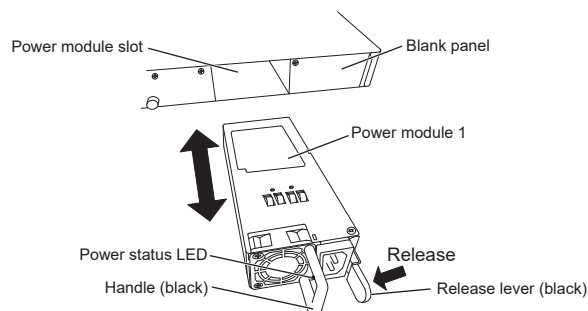
- Step 1. Unplug the power cord from the power module which is going to be replaced and removed, and shut off the power.
- Step 2. Check that the power module's power status LED, the Ethernet Switch unit's POWER 1 LED, or POWER 2 LED, or that both LEDs are unlit.
- Step 3. Push the power module's black release lever in to the left side, and release the retainer.
- Step 4. Hold the power module's handle (black), and slowly pull out the power module while supporting it.

◆ Mounting the power module

- Step 1. Remove the blank panel on the power module slot. Carefully store the removed blank panel.
- Step 2. Insert the power module into the power module slot until a "clunk" is heard.
- Step 3. Attach the power cord on to the power module.
- Step 4. Check that the power module's power status LED, the Ethernet Switch unit's POWER 1 LED, or POWER 2 LED, or that both LEDs are lit.

◆ Replacing the power module

After removing the power module, then mount the power module.



Troubleshooting

If you think that malfunctioning is occurring, first of all run checks in accordance with the following items.

◆ If the Ethernet Switch's POWER 1, or POWER 2 LEDs which this device is equipped with do not light up

- Is the power cord properly connected?
- Is the RP02-200W Module properly mounted on the ZEQUO 6700RE (PN36243E) and ZEQUO 6600RE (PN36241E) ?
- Are the RP02-200W Module connectors contaminated with dust, etc.?
- Do the RP02-200W Module status LEDs light up?