

# 1. Overview

Thank you for purchasing PLANET 150-watt DC -48V power supply.

Power Supply Unit	Input Range
XGS3-PWR150-48	-40 to -60V DC

Open the box of the Redundant Power Supply unit and carefully unpack it. The box should contain the following items:

- The -48V DC Power Supply unit x 1
- User's Manual x 1

If any item is found missing or damaged, please contact your local reseller for replacement.

# 2. Introduction

Before installation, please be sure to read this user's manual carefully to complete machine installation. This manual shows how to quickly install the power from the XGS3-24042, unless specified as "redundant power" that will be used for these four models.

The following figure illustrates the front panel of the XGS3-PWR150-48.

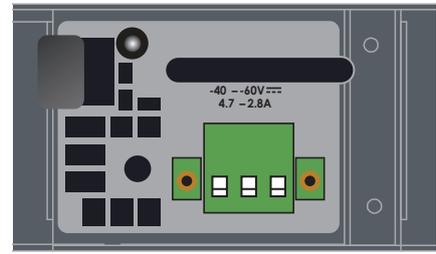


Figure 2-1 XGS3-PWR150-48 Front View

LED	Color	Function
LNK/ACT	Green	Lights to indicate DC power input has power.
	Red	Blinks to indicate DC power input has failed or warning.

# 3. Installing Redundant Power Supply Unit

**Note** The XGS3-PWR150-48 is hot-swappable during operation; there is no need to power off the Switch before sliding or removing the module.

Follow these steps to install the redundant power into the Switch:

1. Place the Switch on a flat surface. Grasp the thumbscrew on the sides of the blank bracket and turn counter-clockwise to unscrew them. You can also use a screwdriver to remove the blank bracket. Do not discard the blank bracket. Put the blank bracket back if you remove the module out of the Switch.



Figure 3-1 Removing the blank bracket

2. Install the redundant power by inserting it into the rails and sliding it.



Figure 3-2 Inserting the XGS3-PWR150-48

3. Hear the redundant power snap in place to finish insertion.



Figure 3-3 Inserting the XGS3-PWR150-48

# 4. Wiring the DC Power Input

The 3-pin terminal block connector on the redundant power uses DC power input. Please follow the steps below to insert the power wire.

**Note**

1. Before connecting the DC power wires, please check whether your local DC power source is stable.
2. The wire gauge for the power cable should be in the range of 12 ~ 24 AWG.
3. The DC power input range is -40 ~ -60V DC.

## DC Power Supply

XGS3-PWR150-48

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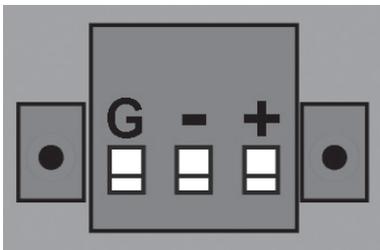
## 150-watt 48V DC Power Supply



PLANET Technology Corp.  
2351-A96260-000



1. Insert the positive DC power wire into the positive(+) contact (right pin) and tighten the wire-clamp for preventing the DC power wire from loosening.
2. Insert the negative DC power wire into the negative(-) contact (middle pin) and tighten the wire-clamp for preventing the DC power wire from loosening.
3. Insert the grounding power wire into the grounding(G) contact (left pin) and tighten the wire-clamp for preventing the power wire from loosening.

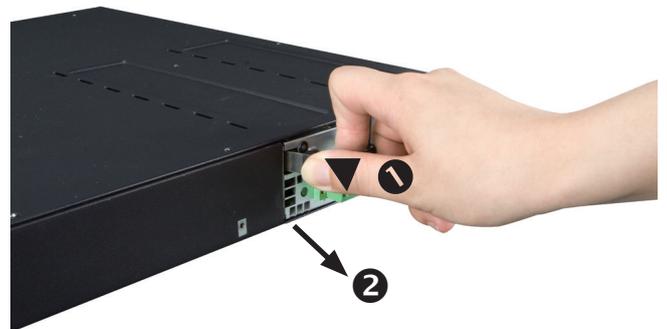


**Figure 4-1** Power pin design of XGS3-PWR150-48

### 5. Removing Redundant Power Supply Unit

Follow these steps to install the redundant power into the Switch:

1. Remove all DC power wires from terminal block of the XGS3-PWR150-48.
2. To remove the redundant power from the XGS3-24042, move the lever to the right and pull it out.



**Figure 5-1** Removing the XGS3-PWR150-48