5 Power Modules

NOTICE

- All power modules are hot swappable, but it is highly recommended that you power off a switch before removing or installing a power module in the switch to protect personal and equipment safety.
- Before replacing a power module in a switch, make sure that the switch can be powered by the other power module after the power module is removed. Otherwise, services on the switches will be interrupted by a power failure when the power module is removed.
- Before powering off a switch, shut down all of its power supply units.
- A switch can only use power modules matching its chassis model. Using unsupported power modules will cause unexpected risks.
- If a switch has two power modules for 1+1 power redundancy and one of them is powered off, the indicator of this power module will not turn off immediately. This is a normal situation.

5.1 PAC600S12-CB (600 W AC&240 V DC Power Module)

5.2 PAC600S12-DB (600 W AC&240 V DC Power Module)

5.3 PAC600S12-EB (600 W AC&240 V DC Power Module)

5.4 PDC1000S12-DB (1000 W DC Power Module)

5.5 PAC180S12-CN (180W AC&240 V DC Power Module (66 mm Width case, No Fans))

5.6 PDC240S12-CN (240W DC Power Module (66 mm Width case, No Fans))

5.7 PDC400S12-CB (400W DC Power Module (66 mm Width case, Power panel side exhaust))

5.8 PDC400S12-CF (400W DC Power Module (66 mm Width case, Power panel side intake))

5.9 PAC600S12-PB (600W AC &240 V DC Power Module(66 mm Width Case, Power panel side exhaust))

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5.10 PAC600S12-PF (600W AC &240 V DC Power Module(66 mm Width Case, Power panel side intake))

5.11 PAC1K2S12-PB (1200W AC&240V DC Power Module (66 mm Width Case, Power panel side exhaust))

5.12 PDC1K2S12-CE (02270205: 1200W DC Power Module (66 mm Width case, Power panel side exhaust))

5.13 PDC1K2S12-CE (02270205-001: 1200W DC Power Module (66 mm Width case, Power panel side exhaust))

5.14 PAC2KS12-PB (02314LFR: 2000W AC&240V DC Power Module (66 mm Width Case, Power panel side exhaust))

5.15 PAC2KS12-PB (02314LFR-003: 2000W AC&240V DC Power Module (66 mm Width Case, Power panel side exhaust))

5.16 PDC2K2S12-PB (02270233: 2200W DC Power Module (66 mm Width case, Power panel side exhaust))

5.17 PDC2K2S12-PB (02270233-001: 2200W DC Power Module (66 mm Width case, Power panel side exhaust))

5.1 PAC600S12-CB (600 W AC&240 V DC Power Module)

Overview

Table 5-1 Basic information about the PAC600S12-CB

Item	Details
Description	600 W AC&240 V DC Power Module
Part Number	02312FFU
Model	PAC600S12-CB

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Appearance

Figure 5-1 Appearance of the PAC600S12-CB



Version Mapping

Table 5-2 Mappings between PAC600S12-CB and product models

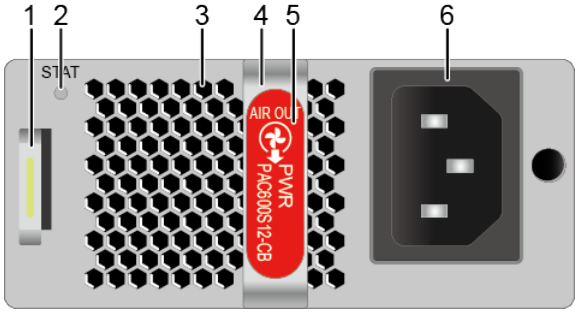
Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H24X6C-TV2 (02354NGS)	V600R022C00	-
S6730-H-V2	S6730-H24X6C-V2 (02354HHV)	V600R022C00	-
S6730-H-V2	S6730-H24X6C-V2 (02354HHV-001)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-TV2 (02354NGT)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-V2 (02354HHT)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-V2 (02354HHT-001)	V600R022C00	-
S6730-H-V2	S6730-H48Y6C-TV2 (02354NGV)	V600R022C00	-
S6730-H-V2	S6730-H48Y6C-V2 (02354NGU)	V600R022C00	-
S6730-S-V2	S6730-S24X6Q-V2 (02356VAN)	V600R025C00	-

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Product	Product Model	First Supported Version	Limitations
S6730-S-V2	S6730-S48X6Q-V2 (02356VAP)	V600R025C00	-

Panel

Figure 5-2 Panel of the PAC600S12-CB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. Power socket	-	-

Table 5-3 Indicators on the PAC600S12-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or overtemperature).

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Silkscreen	Name	Color	Status	Description
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-4 Functions of a 600 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

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Technical Specifications

Table 5-5 Technical specifications of the PAC600S12-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg (lb)]	0.95 kg (2.09 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.2 PAC600S12-DB (600 W AC&240 V DC Power Module)

Overview

Table 5-6 Basic information about the PAC600S12-DB

Item	Details
Description	600 W AC&240 V DC Power Module
Part Number	02131740
Model	PAC600S12-DB

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Appearance

Figure 5-3 Appearance of the PAC600S12-DB



Version Mapping

Table 5-7 Mappings between PAC600S12-DB and product models

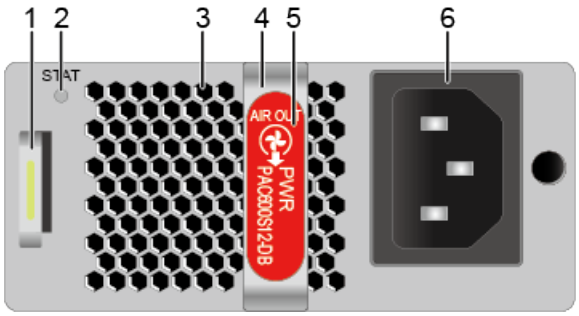
Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H24X6C-TV2 (02354NGS)	V600R022C00	-
S6730-H-V2	S6730-H24X6C-V2 (02354HHV)	V600R022C00	-
S6730-H-V2	S6730-H24X6C-V2 (02354HHV-001)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-TV2 (02354NGT)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-V2 (02354HHT)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-V2 (02354HHT-001)	V600R022C00	-
S6730-H-V2	S6730-H48Y6C-TV2 (02354NGV)	V600R022C00	-
S6730-H-V2	S6730-H48Y6C-V2 (02354NGU)	V600R022C00	-
S6730-S-V2	S6730-S24X6Q-V2 (02356VAN)	V600R025C00	-

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Product	Product Model	First Supported Version	Limitations
S6730-S-V2	S6730-S48X6Q-V2 (02356VAP)	V600R025C00	-

Panel

Figure 5-4 Panel of the PAC600S12-DB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. Power socket	-	-

Table 5-8 Indicators on the PAC600S12-DB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or overtemperature).

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Silkscreen	Name	Color	Status	Description
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-9 Functions of a 600 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

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Technical Specifications

Table 5-10 Technical specifications of the PAC600S12-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg (lb)]	0.95 kg (2.09 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.3 PAC600S12-EB (600 W AC&240 V DC Power Module)

Overview

Table 5-11 Basic information about the PAC600S12-EB

Item	Details
Description	600 W AC&240 V DC Power Module
Part Number	02312FFU-002
Model	PAC600S12-EB

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Appearance

Figure 5-5 Appearance of the PAC600S12-EB



Version Mapping

Table 5-12 Mappings between PAC600S12-EB and product models

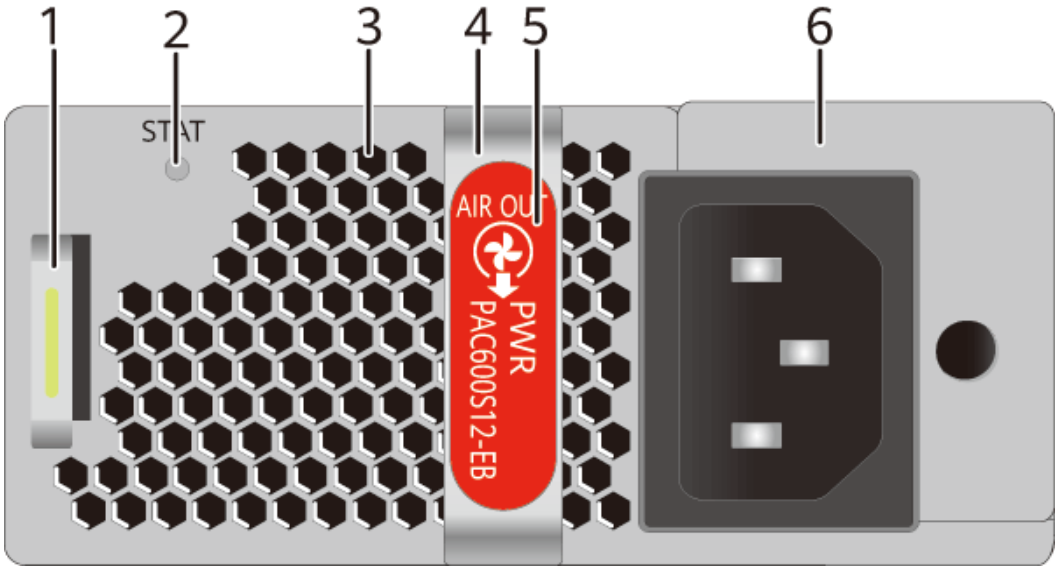
Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H24X6C-TV2 (02354NGS)	V600R022C00	-
S6730-H-V2	S6730-H24X6C-V2 (02354HHV)	V600R022C00	-
S6730-H-V2	S6730-H24X6C-V2 (02354HHV-001)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-TV2 (02354NGT)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-V2 (02354HHT)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-V2 (02354HHT-001)	V600R022C00	-
S6730-H-V2	S6730-H48Y6C-TV2 (02354NGV)	V600R022C00	-
S6730-H-V2	S6730-H48Y6C-V2 (02354NGU)	V600R022C00	-
S6730-S-V2	S6730-S24X6Q-V2 (02356VAN)	V600R025C00	-

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Product	Product Model	First Supported Version	Limitations
S6730-S-V2	S6730-S48X6Q-V2 (02356VAP)	V600R025C00	-

Panel

Figure 5-6 Panel of the PAC600S12-EB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. Power socket	-	-

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Table 5-13 Indicators on the PAC600S12-EB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-14 Functions of a 600 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.

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Function		Description
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-15 Technical specifications of the PAC600S12-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg (lb)]	0.985 kg (2.17 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W

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Item	Specification
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.4 PDC1000S12-DB (1000 W DC Power Module)

Overview

Table 5-16 Basic information about the PDC1000S12-DB

Item	Details
Description	1000 W DC Power Module
Part Number	02312QJK
Model	PDC1000S12-DB

Appearance

Figure 5-7 Appearance of the PDC1000S12-DB



Version Mapping

Table 5-17 Mappings between PDC1000S12-DB and product models

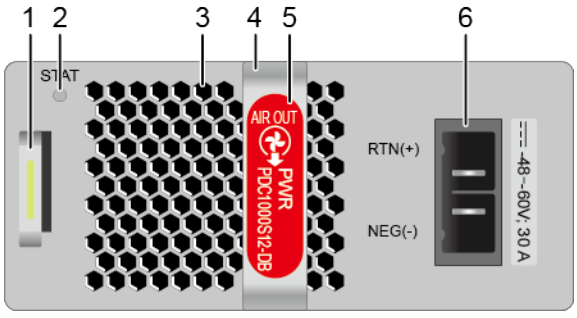
Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H24X6C-TV2 (02354NGS)	V600R022C00	-

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Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H24X6C-V2 (02354HHV)	V600R022C00	-
S6730-H-V2	S6730-H24X6C-V2 (02354HHV-001)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-TV2 (02354NGT)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-V2 (02354HHT)	V600R022C00	-
S6730-H-V2	S6730-H48X6C-V2 (02354HHT-001)	V600R022C00	-
S6730-H-V2	S6730-H48Y6C-TV2 (02354NGV)	V600R022C00	-
S6730-H-V2	S6730-H48Y6C-V2 (02354NGU)	V600R022C00	-
S6730-S-V2	S6730-S24X6Q-V2 (02356VAN)	V600R025C00	-
S6730-S-V2	S6730-S48X6Q-V2 (02356VAP)	V600R025C00	-

Panel

Figure 5-8 Panel of the PDC1000S12-DB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. DC power socket	-	-

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Table 5-18 Indicators on the PDC1000S12-DB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage or overtemperature).
		Green	Steady on	The power module output is normal.

Functions and Features

Table 5-19 Functions of a 1000 W DC power module

Function	Description
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

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Technical Specifications

Table 5-20 Technical specifications of the PDC1000S12-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg (lb)]	1.02 kg (2.25 lb)
Number of inputs	1
Rated input voltage [V]	-48 V DC to -60 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC
Maximum input current [A]	30 A
Rated output voltage [V]	12 V
Rated output current [A]	83.3 A
Rated output power [W]	1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.5 PAC180S12-CN (180W AC&240 V DC Power Module (66 mm Width case, No Fans))

Overview

Table 5-21 Basic information about the PAC180S12-CN

Item	Details
Description	180W AC&240 V DC Power Module (66 mm Width case, No Fans)
Part Number	02131754
Model	PAC180S12-CN

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Appearance

Figure 5-9 Appearance of the PAC180S12-CN



Version Mapping

Table 5-22 Mappings between PAC180S12-CN and product models

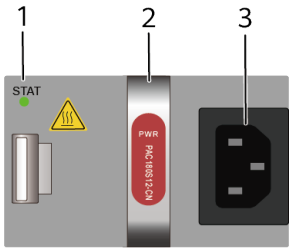
Product	Product Model	First Supported Version	Limitations
S6750-S	S6750-S16X10Y2CZ (98012444)	V600R024C00	When cards are used, power modules with a power of 240 W or higher must be used.
S6750-S	S6750-S16X8YZ (98012445)	V600R024C00	-
S6750-S	S6750-S24T16X8Y2CZ (98012446)	V600R024C00	When cards are used, power modules with a power of 240 W or higher must be used.

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Product	Product Model	First Supported Version	Limitations
S6750-S	S6750-S24T16X8Y2CZ (98013055)	V600R025C00	When cards are used, power modules with a power of 240 W or higher must be used.
S6750E-S	S6750E-S16X10Y2CZ (98012861)	V600R024C10	When cards are used, power modules with a power of 240 W or higher must be used.
S6750E-S	S6750E-S24T16X8Y2CZ (98012860)	V600R024C10	When cards are used, power modules with a power of 240 W or higher must be used.

Panel

Figure 5-10 Panel of the PAC180S12-CN



1. Power indicator (STAT)	2. Handle	3. Power socket	-

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Table 5-23 Indicators on the PAC180S12-CN

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage, overcurrent, short circuit occurs, undervoltage, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-24 Functions of a 180 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overvoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.

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Function		Description
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-25 Technical specifications of the PAC180S12-CN

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	0.67 kg (1.48 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz~66 Hz 190 V DC to 290 V DC
Maximum input current [A]	3 A
Rated output voltage [V]	12 V

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Item	Specification
Rated output current [A]	15 A
Rated output power [W]	180 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.6 PDC240S12-CN (240W DC Power Module (66 mm Width case, No Fans))

Overview

Table 5-26 Basic information about the PDC240S12-CN

Item	Details
Description	240W DC Power Module (66 mm Width case, No Fans)
Part Number	02314VUJ
Model	PDC240S12-CN

Appearance

Figure 5-11 Appearance of the PDC240S12-CN



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Version Mapping

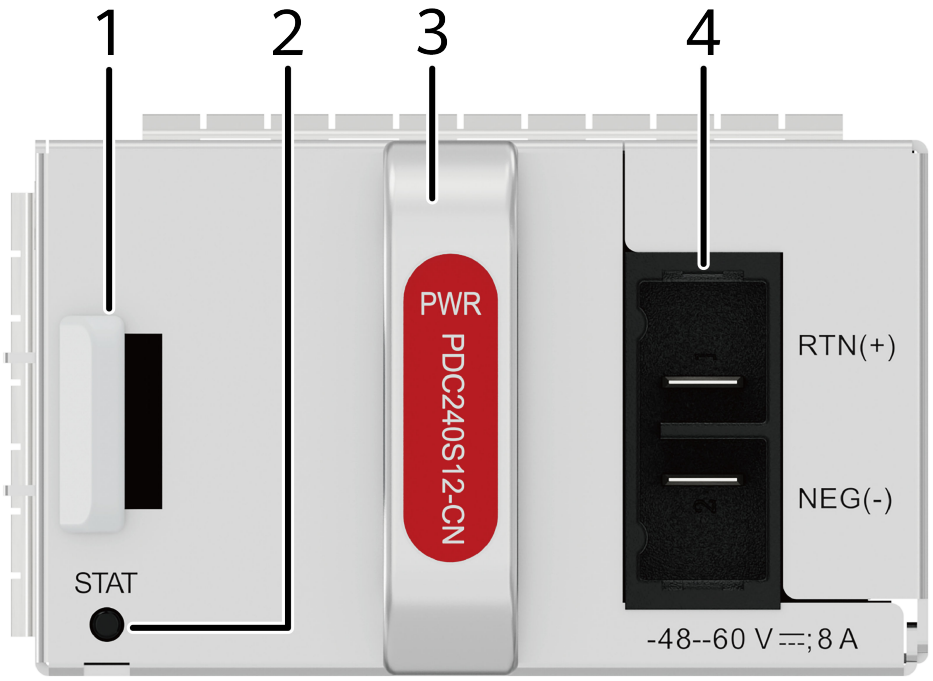
Table 5-27 Mappings between PDC240S12-CN and product models

Product	Product Model	First Supported Version	Limitations
S6750-S	S6750-S16X10Y2CZ (98012444)	V600R024C00	-
S6750-S	S6750-S16X8YZ (98012445)	V600R024C00	-
S6750-S	S6750-S24T16X8Y2CZ (98012446)	V600R024C00	-
S6750-S	S6750-S24T16X8Y2CZ (98013055)	V600R025C00	-
S6750E-S	S6750E-S16X10Y2CZ (98012861)	V600R024C10	-
S6750E-S	S6750E-S24T16X8Y2CZ (98012860)	V600R024C10	-

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Panel

Figure 5-12 Panel of the PDC240S12-CN



1. Lock	2. Indicator	3. Handle	4. Power socket

Table 5-28 Indicators on the PDC240S12-CN

Silkscreen	Name	Color	Status	Description
STAT	Power status indicator	Green	Steady on	The power module is working normally.
		Green	Blinking	The power module is in loading.

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Silkscreen	Name	Color	Status	Description
		-	Off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or undervoltage).

Functions and Features

Table 5-29 Functions and features of the PDC240S12-CN

Functions and Features	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overvoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overcurrent protection	Stops power output and does not automatically restore power output after the input current becomes normal.
Output current limiting protection	Intermittently provides output and automatically restores normal output after the output current falls within a normal range.
Output overvoltage protection	Intermittently stops output and automatically restores output after the overvoltage condition is removed.

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Functions and Features	Description
Output short circuit protection	Intermittently provides output and automatically restores normal output after the output short circuit is removed.
Overtemperature protection	When the temperature of the power module reaches a preset threshold, the power module stops power output and will automatically restore power output after the temperature drops back to the normal range.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-30 Technical specifications of the PDC240S12-CN

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	0.61 kg (1.34 lb)
Number of inputs	1
Rated input voltage [V]	• +48 V DC • -48 V DC to -60 V DC
Input voltage range [V]	• +40 V DC to +57 V DC • -38.4 V DC to -72 V DC
Maximum input current [A]	8 A
Rated output voltage [V]	12 V

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Item	Specification
Rated output current [A]	• –25°C to +55°C (–13°F to +131°F): 20 A • 55°C to 65°C (131°F to 149°F): 15 A
Rated output power [W]	• –25°C to +55°C (–13°F to +131°F): 240 W • 55°C to 65°C (131°F to 149°F): 180 W
Power dissipation Mode	Natural heat dissipation
Hot swapping	Supported

5.7 PDC400S12-CB (400W DC Power Module (66 mm Width case, Power panel side exhaust))

Overview

Table 5-31 Basic information about the PDC400S12-CB

Item	Details
Description	400W DC Power Module (66 mm Width case, Power panel side exhaust)
Part Number	02314VUG
Model	PDC400S12-CB

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Appearance

Figure 5-13 Appearance of the PDC400S12-CB



Version Mapping

Table 5-32 Mappings between PDC400S12-CB and product models

Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H28X6CZ-TV2 (02354VCS)	V600R024C00	-
S6730-H-V2	S6730-H28X6CZ-TV2 (02354VUG)	V600R024C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VCR)	V600R024C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VCR-001)	V600R024C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VUF)	V600R024C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VUF-001)	V600R024C00	-
S6730-H-V2	S6730-H48X6CZ-TV2 (02354VCQ)	V600R024C00	-

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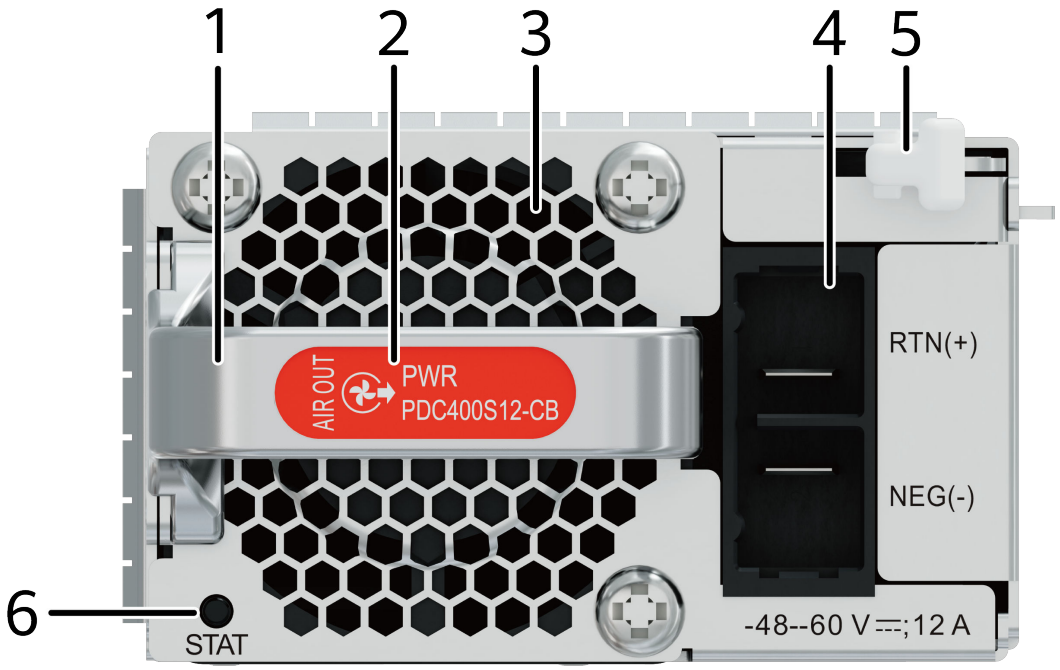
Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H48X6CZ-TV2 (02354VUE)	V600R024C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VCP)	V600R024C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VCP-001)	V600R024C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VUD)	V600R024C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VUD-001)	V600R024C00	-
S6730-H-V2	S6730-H6FX4Y2CZ-V2 (02356CMB)	V600R024C00	-
S6730E-H-V2	S6730E-H6FX4Y2CZ-V2 (02356VWF)	V600R024C10	-
S6750-H	S6750-H48X8C (02356VDW)	V600R025C00	-
S6750-H	S6750-H48Y8C (02355UEL)	V600R024C00	-
S6750-H	S6750-H48Y8C (02355UEL-001)	V600R024C00	-
S6750-S	S6750-S16X10Y2CZ (98012444)	V600R024C00	-
S6750-S	S6750-S16X8YZ (98012445)	V600R024C00	-
S6750-S	S6750-S24T16X8Y2CZ (98012446)	V600R024C00	-
S6750-S	S6750-S24T16X8Y2CZ (98013055)	V600R025C00	-
S6750E-S	S6750E-S16X10Y2CZ (98012861)	V600R024C10	-

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Product	Product Model	First Supported Version	Limitations
S6750E-S	S6750E-S24T16X8Y2CZ (98012860)	V600R024C10	-

Panel

Figure 5-14 Panel of the PDC400S12-CB



1. Handle	2. Airflow flag (air out)	3. Air vent	4. Power socket
5. Lock	6. Indicator	-	-

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Table 5-33 Indicators on the PDC400S12-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input or undervoltage), or the power output is abnormal (for example, overvoltage or undervoltage).
		Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading

Functions and Features

Table 5-34 Functions and features of the PDC400S12-CB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.

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Functions and Features	Description
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-35 Technical specifications of the PDC400S12-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	0.679 kg (1.5 lb)
Number of inputs	1
Rated input voltage [V]	• +48 V DC • -48 V DC to -60 V DC

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Item	Specification
Input voltage range [V]	• +40 V DC to +57 V DC • -38.4 V DC to -72 V DC
Maximum input current [A]	12 A
Rated output voltage [V]	12.3 V
Rated output current [A]	32.52 A
Rated output power [W]	400 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.8 PDC400S12-CF (400W DC Power Module (66 mm Width case, Power panel side intake))

Overview

Table 5-36 Basic information about the PDC400S12-CF

Item	Details
Description	400W DC Power Module (66 mm Width case, Power panel side intake)
Part Number	02314VUH
Model	PDC400S12-CF

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Appearance

Figure 5-15 Appearance of the PDC400S12-CF



Version Mapping

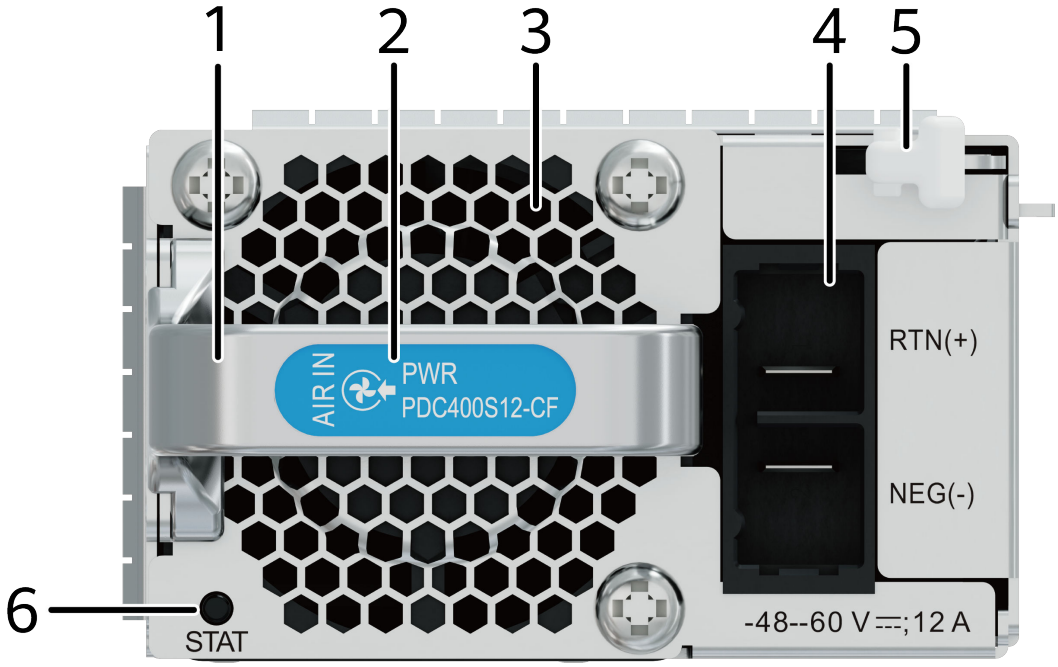
Table 5-37 Mappings between PDC400S12-CF and product models

Product	Product Model	First Supported Version	Limitations
S6750-H	S6750-H48Y8C-B (02357EKX)	V600R025C10	-

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Panel

Figure 5-16 Panel of the PDC400S12-CF



1. Handle **NOTE** Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag • : power panel side exhaust • : power panel side intake	3. Air vent	4. Power socket
5. Lock	6. Indicator	-	-

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Table 5-38 Indicators on the PDC400S12-CF

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input or undervoltage), or the power output is abnormal (for example, overvoltage or undervoltage).
		Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading

Functions and Features

Table 5-39 Functions and features of the PDC400S12-CF

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.

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Functions and Features	Description
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-40 Technical specifications of the PDC400S12-CF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1.0 kg (2.2 lb)
Number of inputs	1
Rated input voltage [V]	• +48 V DC • -48 V DC to -60 V DC

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Item	Specification
Input voltage range [V]	• +40 V DC to +57 V DC • -38.4 V DC to -72 V DC
Maximum input current [A]	12 A
Rated output voltage [V]	12.3 V
Rated output current [A]	32.52 A
Rated output power [W]	400 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.9 PAC600S12-PB (600W AC &240 V DC Power Module(66 mm Width Case, Power panel side exhaust))

Overview

Table 5-41 Basic information about the PAC600S12-PB

Item	Details
Description	600W AC &240 V DC Power Module(66 mm Width Case, Power panel side exhaust)
Part Number	02313BUS
Model	PAC600S12-PB

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Appearance

Figure 5-17 Appearance of the PAC600S12-PB



Version Mapping

Table 5-42 Mappings between PAC600S12-PB and product models

Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H28X6CZ-TV2 (02354VCS)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-TV2 (02354VUG)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VCR)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VCR-001)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VUF)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VUF-001)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-TV2 (02354VCQ)	V600R022C00	-

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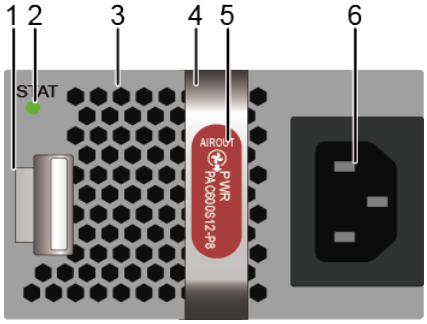
Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H48X6CZ-TV2 (02354VUE)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VCP)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VCP-001)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VUD)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VUD-001)	V600R022C00	-
S6730-H-V2	S6730-H6FX4Y2CZ-V2 (02356CMB)	V600R024C00	-
S6730E-H-V2	S6730E-H6FX4Y2CZ-V2 (02356VWF)	V600R024C10	-
S6750-H	S6750-H48X8C (02356VDW)	V600R025C00	-
S6750-H	S6750-H48Y8C (02355UEL)	V600R023C10	-
S6750-H	S6750-H48Y8C (02355UEL-001)	V600R023C10	-
S6750-S	S6750-S16X10Y2CZ (98012444)	V600R024C00	-
S6750-S	S6750-S16X8YZ (98012445)	V600R024C00	-
S6750-S	S6750-S24T16X8Y2CZ (98012446)	V600R024C00	-
S6750-S	S6750-S24T16X8Y2CZ (98013055)	V600R025C00	-
S6750E-S	S6750E-S16X10Y2CZ (98012861)	V600R024C10	-

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Product	Product Model	First Supported Version	Limitations
S6750E-S	S6750E-S24T16X8Y2CZ (98012860)	V600R024C10	-

Panel

Figure 5-18 Panel of the PAC600S12-PB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. Power socket	-	-

Table 5-43 Indicators on the PAC600S12-PB

Silkscreen	Name	Color	Status	Description
STAT	Power status indicator	Green	Steady on	The output of the AC power module is normal.

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Silkscreen	Name	Color	Status	Description
		-	Off	• The input of the AC power module is out of range. For example, no AC input, AC input overvoltage, or AC input undervoltage has occurred. • The output of the AC power module is out of range. For example, undervoltage, or overtemperature has occurred.

Functions and Features

Table 5-44 Functions and features of the PAC600S12-PB

Functions and Features	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overvoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overcurrent protection	Stops power output and does not automatically restore power output after the input current becomes normal.

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Functions and Features	Description
Output current limiting protection	Intermittently provides output and automatically restores normal output after the output current falls within a normal range.
Output overvoltage protection	Intermittently stops output and automatically restores output after the overvoltage condition is removed.
Output short circuit protection	Intermittently provides output and automatically restores normal output after the output short circuit is removed.
Overtemperature protection	When the temperature of the power module reaches a preset threshold, the power module stops power output and will automatically restore power output after the temperature drops back to the normal range.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-45 Technical specifications of the PAC600S12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1 kg (2.20 lb)
Number of inputs	1
Rated input voltage [V]	• AC input: 100 V to 240 V, 50 Hz/60 Hz • High-voltage DC input: 240 V DC

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Item	Specification
Input voltage range [V]	• AC input: 90 V to 290 V, 45 Hz to 65 Hz • High-voltage DC input: 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.10 PAC600S12-PF (600W AC &240 V DC Power Module(66 mm Width Case, Power panel side intake))

Overview

Table 5-46 Basic information about the PAC600S12-PF

Item	Details
Description	600W AC &240 V DC Power Module(66 mm Width Case, Power panel side intake)
Part Number	02313BUW
Model	PAC600S12-PF

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Appearance

Figure 5-19 Appearance of the PAC600S12-PF



Version Mapping

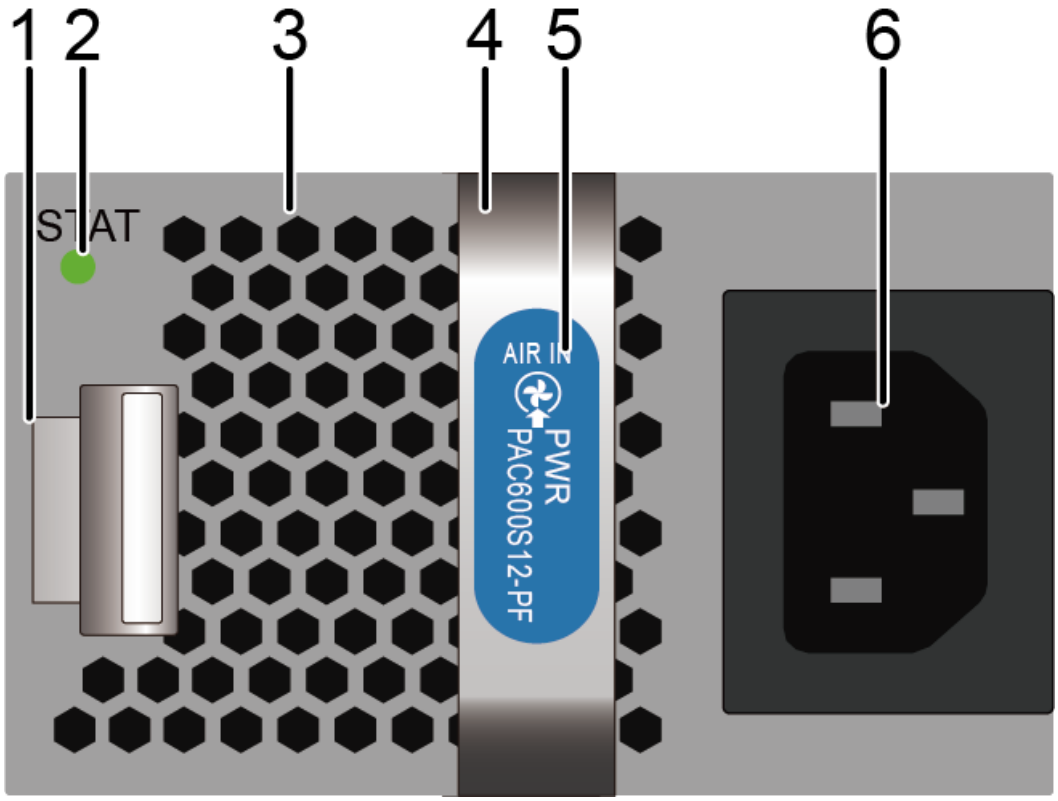
Table 5-47 Mappings between PAC600S12-PF and product models

Product	Product Model	First Supported Version	Limitations
S6750-H	S6750-H48Y8C-B (02357EKX)	V600R025C10	-

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Panel

Figure 5-20 Panel of the PAC600S12-PF



1. Lock	2. Indicator	3. Air vent	4. Handle **NOTE** Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.

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5. Airflow flag • : power panel side exhaust • : power panel side intake	6. Power socket	-	-

Table 5-48 Indicators on the PAC600S12-PF

Silkscreen	Name	Color	Status	Description
STAT	Power status indicator	Green	Steady on	The output of the AC power module is normal.

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Silkscreen	Name	Color	Status	Description
		-	Off	• The input of the AC power module is out of range. For example, no AC input, AC input overvoltage, or AC input undervoltage has occurred. • The output of the AC power module is out of range. For example, undervoltage, or overtemperature has occurred.

Functions and Features

Table 5-49 Functions and features of the PAC600S12-PF

Functions and Features	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overvoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overcurrent protection	Stops power output and does not automatically restore power output after the input current becomes normal.

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Functions and Features	Description
Output current limiting protection	Intermittently provides output and automatically restores normal output after the output current falls within a normal range.
Output overvoltage protection	Intermittently stops output and automatically restores output after the overvoltage condition is removed.
Output short circuit protection	Intermittently provides output and automatically restores normal output after the output short circuit is removed.
Overtemperature protection	When the temperature of the power module reaches a preset threshold, the power module stops power output and will automatically restore power output after the temperature drops back to the normal range.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-50 Technical specifications of the PAC600S12-PF

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1 kg (2.20 lb)
Number of inputs	1
Rated input voltage [V]	• AC input: 100 V to 240 V, 50 Hz/60 Hz • High-voltage DC input: 240 V DC

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Item	Specification
Input voltage range [V]	• AC input: 90 V to 290 V, 45 Hz to 65 Hz • High-voltage DC input: 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.11 PAC1K2S12-PB (1200W AC&240V DC Power Module (66 mm Width Case, Power panel side exhaust))

Overview

Table 5-51 Basic information about the PAC1K2S12-PB

Item	Details
Description	1200W AC&240V DC Power Module (66 mm Width Case, Power panel side exhaust)
Part Number	02313NYX
Model	PAC1K2S12-PB

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Appearance

Figure 5-21 Appearance of the PAC1K2S12-PB



Version Mapping

Table 5-52 Mappings between PAC1K2S12-PB and product models

Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H28X6CZ-TV2 (02354VCS)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-TV2 (02354VUG)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VCR)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VCR-001)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VUF)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VUF-001)	V600R022C00	-

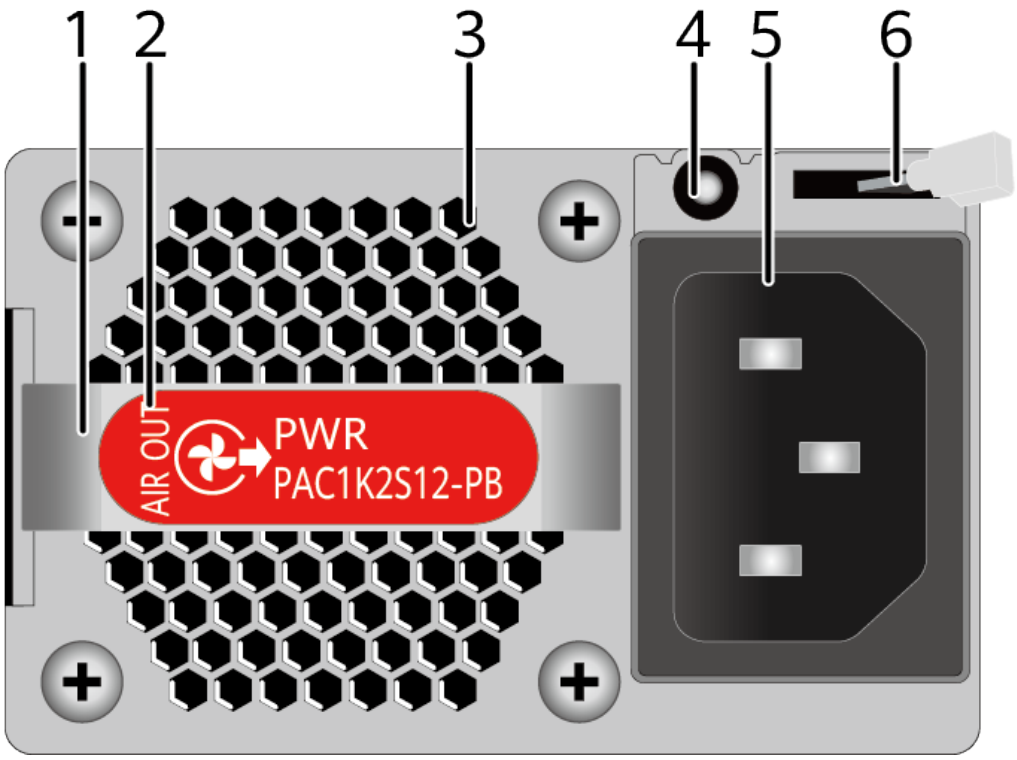
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Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H48X6CZ-TV2 (02354VCQ)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-TV2 (02354VUE)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VCP)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VCP-001)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VUD)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VUD-001)	V600R022C00	-
S6730-H-V2	S6730-H6FX4Y2CZ-V2 (02356CMB)	V600R024C00	-
S6730E-H-V2	S6730E-H6FX4Y2CZ-V2 (02356VWF)	V600R024C10	-
S6750-H	S6750-H36C (02355UEK)	V600R023C10	-
S6750-H	S6750-H36C (02355UEK-001)	V600R023C10	-
S6750-H	S6750-H48X8C (02356VDW)	V600R025C00	-
S6750-H	S6750-H48Y8C (02355UEL)	V600R023C10	-
S6750-H	S6750-H48Y8C (02355UEL-001)	V600R023C10	-
S6780-H	S6780-H4Z (02356DTY)	V600R024C00	When four XSIC-C16H000 cards are configured, AC power modules (110 V AC not supported) or DC power modules with a power of 2000 W or higher must be used.

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Panel

Figure 5-22 Panel of the PAC1K2S12-PB



1. Handle **NOTE** Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag (air out)	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

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Table 5-53 Indicators on the PAC1K2S12-PB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input or undervoltage), or the power output is abnormal (for example, overvoltage or undervoltage).
		Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading

Functions and Features

Table 5-54 Functions and features of the PAC1K2S12-PB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.

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Functions and Features	Description
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-55 Technical specifications of the PAC1K2S12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	0.844 kg (1.86 lb)
Number of inputs	1
Rated input voltage [V]	200 V AC to 240 V AC; 50/60 Hz 100 V AC to 130 V AC; 50/60 Hz 240 V DC

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Item	Specification
Input voltage range [V]	AC: 90 V AC to 290 V AC; 45 Hz to 65 Hz High-voltage DC: 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 10 A 200 V AC to 240 V AC: 8 A 240 V DC: 8 A
Rated output voltage [V]	12 V
Rated output current [A]	100 A
Rated output power [W]	1200 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.12 PDC1K2S12-CE (02270205: 1200W DC Power Module (66 mm Width case, Power panel side exhaust))

Overview

Table 5-56 Basic information about the PDC1K2S12-CE

Item	Details
Description	1200W DC Power Module (66 mm Width case, Power panel side exhaust)
Part Number	02270205
Model	PDC1K2S12-CE

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Appearance

Figure 5-23 Appearance of the PDC1K2S12-CE



Version Mapping

Table 5-57 Mappings between PDC1K2S12-CE and product models

Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H28X6CZ-TV2 (02354VCS)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-TV2 (02354VUG)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VCR)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VCR-001)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VUF)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VUF-001)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-TV2 (02354VCQ)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-TV2 (02354VUE)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VCP)	V600R022C00	-

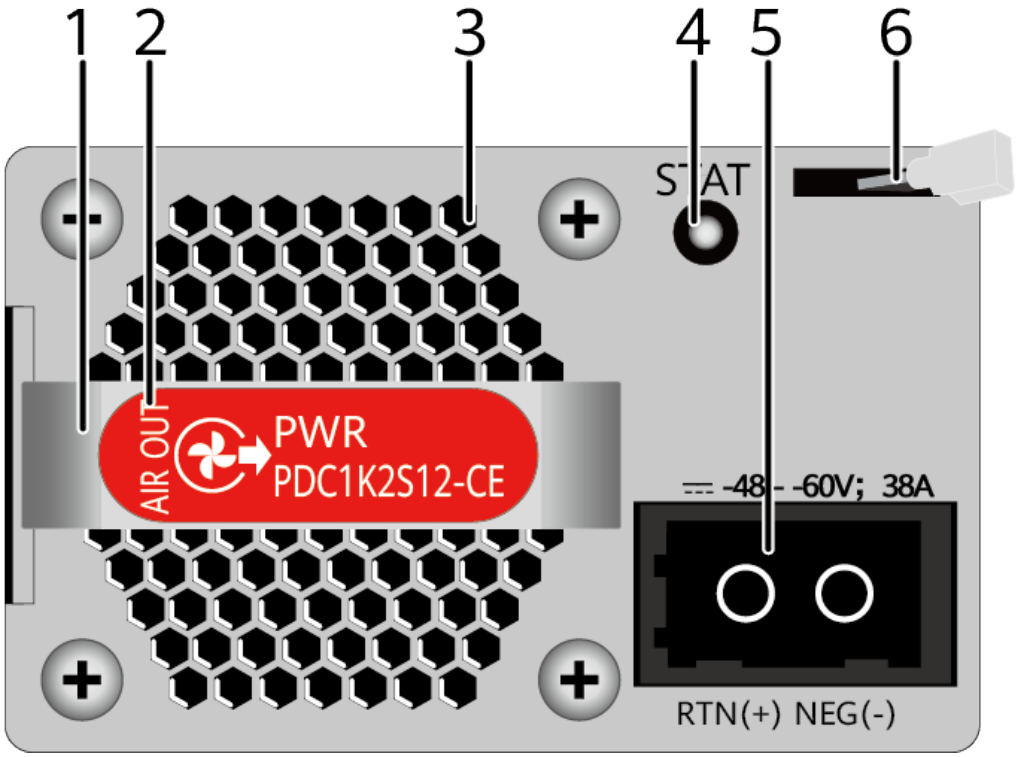
 Copyright © Huawei Technologies Co., Ltd.

Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H48X6CZ-V2 (02354VCP-001)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VUD)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VUD-001)	V600R022C00	-
S6730-H-V2	S6730-H6FX4Y2CZ-V2 (02356CMB)	V600R024C00	-
S6730E-H-V2	S6730E-H6FX4Y2CZ-V2 (02356VWF)	V600R024C10	-
S6750-H	S6750-H36C (02355UEK)	V600R023C10	-
S6750-H	S6750-H36C (02355UEK-001)	V600R023C10	-
S6750-H	S6750-H48X8C (02356VDW)	V600R025C00	-
S6750-H	S6750-H48Y8C (02355UEL)	V600R023C10	-
S6750-H	S6750-H48Y8C (02355UEL-001)	V600R023C10	-
S6780-H	S6780-H4Z (02356DTY)	V600R024C00	When four XSIC-C16H000 cards are configured, AC power modules (110 V AC not supported) or DC power modules with a power of 2000 W or higher must be used.

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Panel

Figure 5-24 Panel of the PDC1K2S12-CE



1. Handle **NOTE** Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag (air out)	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

Table 5-58 Indicators on the PDC1K2S12-CE

Silkscreen	Name	Color	Status	Description
STAT	Power status indicator	Green	Steady on	The power module is working normally.

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Silkscreen	Name	Color	Status	Description
		Green	Blinking	The power module is in loading.
		-	Off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or undervoltage).

Functions and Features

Table 5-59 Functions and features of the PDC1K2S12-CE

Functions and Features	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overvoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overcurrent protection	Stops power output and does not automatically restore power output after the input current becomes normal.
Output current limiting protection	Intermittently provides output and automatically restores normal output after the output current falls within a normal range.
Output overvoltage protection	Intermittently stops output and automatically restores output after the overvoltage condition is removed.

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Functions and Features	Description
Output short circuit protection	Intermittently provides output and automatically restores normal output after the output short circuit is removed.
Overtemperature protection	When the temperature of the power module reaches a preset threshold, the power module stops power output and will automatically restore power output after the temperature drops back to the normal range.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-60 Technical specifications of the PDC1K2S12-CE

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1.0 kg (2.2 lb)
Number of inputs	1
Rated input voltage [V]	• +48 V DC • -48 V DC to -60 V DC
Input voltage range [V]	• +40 V DC to +57 V DC • -38.4 V DC to -72 V DC
Maximum input current [A]	38 A
Rated output voltage [V]	12 V
Rated output current [A]	100 A

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Item	Specification
Rated output power [W]	1200 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.13 PDC1K2S12-CE (02270205-001: 1200W DC Power Module (66 mm Width case, Power panel side exhaust))

Overview

Table 5-61 Basic information about the PDC1K2S12-CE

Item	Details
Description	1200W DC Power Module (66 mm Width case, Power panel side exhaust)
Part Number	02270205-001
Model	PDC1K2S12-CE

Appearance

Figure 5-25 Appearance of the PDC1K2S12-CE



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Version Mapping

Table 5-62 Mappings between PDC1K2S12-CE and product models

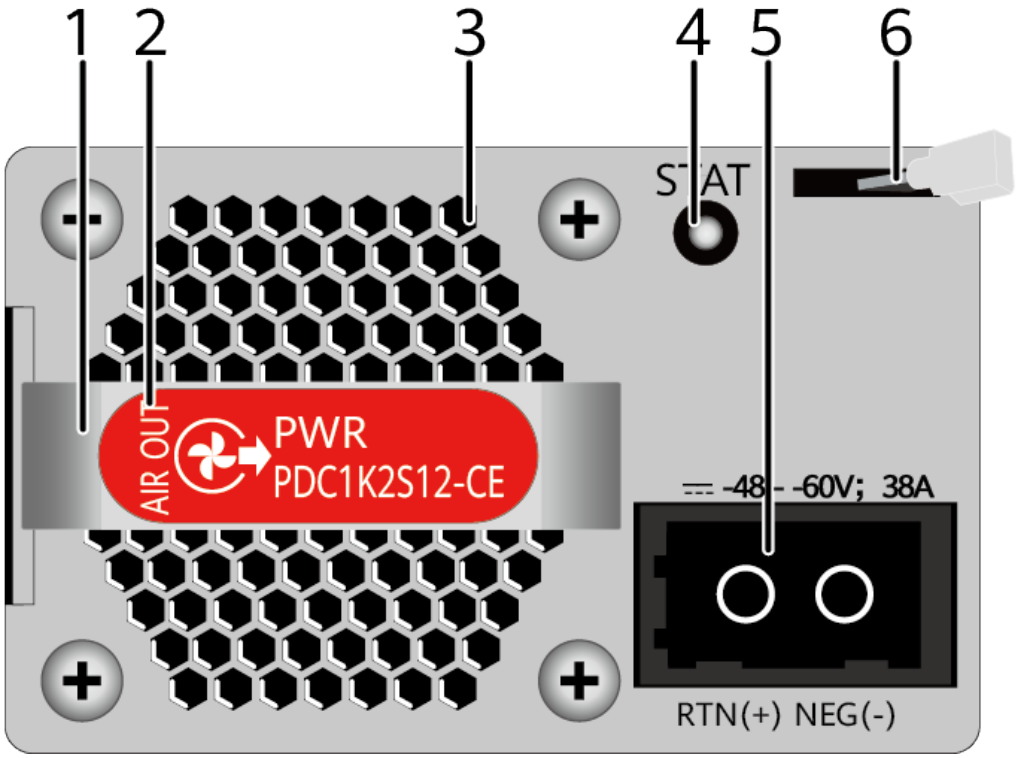
Product	Product Model	First Supported Version	Limitations
S6730-H-V2	S6730-H28X6CZ-TV2 (02354VCS)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-TV2 (02354VUG)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VCR)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VCR-001)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VUF)	V600R022C00	-
S6730-H-V2	S6730-H28X6CZ-V2 (02354VUF-001)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-TV2 (02354VCQ)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-TV2 (02354VUE)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VCP)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VCP-001)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VUD)	V600R022C00	-
S6730-H-V2	S6730-H48X6CZ-V2 (02354VUD-001)	V600R022C00	-
S6730-H-V2	S6730-H6FX4Y2CZ-V2 (02356CMB)	V600R024C00	-
S6730E-H-V2	S6730E-H6FX4Y2CZ-V2 (02356VWF)	V600R024C10	-
S6750-H	S6750-H36C (02355UEK)	V600R023C10	-

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Product	Product Model	First Supported Version	Limitations
S6750-H	S6750-H36C (02355UEK-001)	V600R023C10	-
S6750-H	S6750-H48X8C (02356VDW)	V600R025C00	-
S6750-H	S6750-H48Y8C (02355UEL)	V600R023C10	-
S6750-H	S6750-H48Y8C (02355UEL-001)	V600R023C10	-
S6780-H	S6780-H4Z (02356DTY)	V600R024C00	When four XSIC-C16H000 cards are configured, AC power modules (110 V AC not supported) or DC power modules with a power of 2000 W or higher must be used.

Panel

Figure 5-26 Panel of the PDC1K2S12-CE



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1. Handle **NOTE** Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag (air out)	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

Table 5-63 Indicators on the PDC1K2S12-CE

Silkscreen	Name	Color	Status	Description
STAT	Power status indicator	Green	Steady on	The power module is working normally.
		Green	Blinking	The power module is in loading.
		-	Off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or undervoltage).

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Functions and Features

Table 5-64 Functions and features of the PDC1K2S12-CE

Functions and Features	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overvoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overcurrent protection	Stops power output and does not automatically restore power output after the input current becomes normal.
Output current limiting protection	Intermittently provides output and automatically restores normal output after the output current falls within a normal range.
Output overvoltage protection	Intermittently stops output and automatically restores output after the overvoltage condition is removed.
Output short circuit protection	Intermittently provides output and automatically restores normal output after the output short circuit is removed.
Overtemperature protection	When the temperature of the power module reaches a preset threshold, the power module stops power output and will automatically restore power output after the temperature drops back to the normal range.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

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Technical Specifications

Table 5-65 Technical specifications of the PDC1K2S12-CE

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1.0 kg (2.2 lb)
Number of inputs	1
Rated input voltage [V]	• +48 V DC • -48 V DC to -60 V DC
Input voltage range [V]	• +40 V DC to +57 V DC • -38.4 V DC to -72 V DC
Maximum input current [A]	38 A
Rated output voltage [V]	12 V
Rated output current [A]	100 A
Rated output power [W]	1200 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.14 PAC2KS12-PB (02314LFR: 2000W AC&240V DC Power Module (66 mm Width Case, Power panel side exhaust))

Overview

Table 5-66 Basic information about the PAC2KS12-PB

Item	Details
Description	2000W AC&240V DC Power Module (66 mm Width Case, Power panel side exhaust)
Part Number	02314LFR
Model	PAC2KS12-PB

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Appearance

Figure 5-27 Appearance of the PAC2KS12-PB



Version Mapping

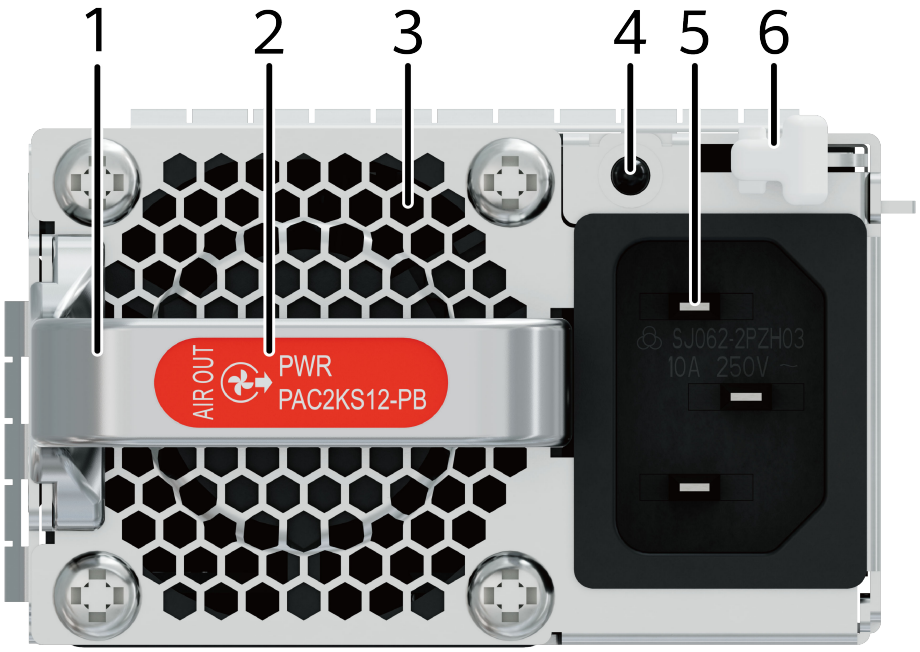
Table 5-67 Mappings between PAC2KS12-PB and product models

Product	Product Model	First Supported Version	Limitations
S6780-H	S6780-H4Z (02356DTY)	V600R024C00	When the input voltage is 110 V AC and 2000 W AC power modules are used, a maximum of three XSIC-C16H000 or four XSIC-L16Q000 cards can be configured because the total power of cards must be within 480 W.

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Panel

Figure 5-28 Panel of the PAC2KS12-PB



1. Handle **NOTE** Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag (air out)	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

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Table 5-68 Indicators on the PAC2KS12-PB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input or undervoltage), or the power output is abnormal (for example, overvoltage or undervoltage).
		Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading

Functions and Features

Table 5-69 Functions and features of the PAC2KS12-PB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.

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Functions and Features	Description
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-70 Technical specifications of the PAC2KS12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1 kg (2.20 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC

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Item	Specification
Input voltage range [V]	AC: 90 V AC to 290 V AC; 45 Hz to 65 Hz High-voltage DC: 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 10 A 240 V DC: 10 A
Rated output voltage [V]	12 V
Rated output current [A]	100 V AC to 130 V AC: 75 A 200 V AC to 220 V AC: 150 A 220 V AC to 240 V AC: 166.7 A 240 V DC: 166.7 A
Rated output power [W]	100 V AC to 130 V AC: 900 W 200 V AC to 220 V AC: 1800 W 220 V AC to 240 V AC: 2000 W 240 V DC: 2000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.15 PAC2KS12-PB (02314LFR-003: 2000W AC&240V DC Power Module (66 mm Width Case, Power panel side exhaust))

Overview

Table 5-71 Basic information about the PAC2KS12-PB

Item	Details
Description	2000W AC&240V DC Power Module (66 mm Width Case, Power panel side exhaust)
Part Number	02314LFR-003
Model	PAC2KS12-PB

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Appearance

Figure 5-29 Appearance of the PAC2KS12-PB



Version Mapping

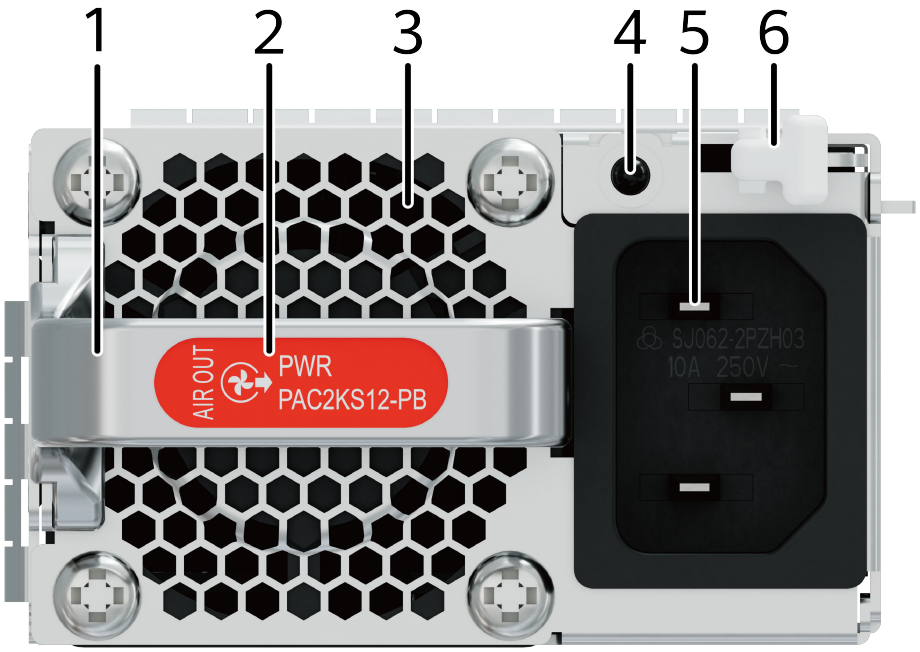
Table 5-72 Mappings between PAC2KS12-PB and product models

Product	Product Model	First Supported Version	Limitations
S6780-H	S6780-H4Z (02356DTY)	V600R024C00	When the input voltage is 110 V AC and 2000 W AC power modules are used, a maximum of three XSIC-C16H000 or four XSIC-L16Q000 cards can be configured because the total power of cards must be within 480 W.

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Panel

Figure 5-30 Panel of the PAC2KS12-PB



1. Handle **NOTE** Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag (air out)	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

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Table 5-73 Indicators on the PAC2KS12-PB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady off	The power input is abnormal (for example, no input or undervoltage), or the power output is abnormal (for example, overvoltage or undervoltage).
		Green	Steady on	The power module is working properly.
		Green	Blinking (4 Hz)	Online loading

Functions and Features

Table 5-74 Functions and features of the PAC2KS12-PB

Functions and Features	Description
Input overvoltage protection and undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.

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Functions and Features	Description
Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is limited within a range, the power module automatically resumes power supply.
Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-75 Technical specifications of the PAC2KS12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1 kg (2.20 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC

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Item	Specification
Input voltage range [V]	AC: 90 V AC to 290 V AC; 45 Hz to 65 Hz High-voltage DC: 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 10 A 240 V DC: 10 A
Rated output voltage [V]	12 V
Rated output current [A]	100 V AC to 130 V AC: 75 A 200 V AC to 220 V AC: 150 A 220 V AC to 240 V AC: 166.7 A 240 V DC: 166.7 A
Rated output power [W]	100 V AC to 130 V AC: 900 W 200 V AC to 220 V AC: 1800 W 220 V AC to 240 V AC: 2000 W 240 V DC: 2000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.16 PDC2K2S12-PB (02270233: 2200W DC Power Module (66 mm Width case, Power panel side exhaust))

Overview

Table 5-76 Basic information about the PDC2K2S12-PB

Item	Details
Description	2200W DC Power Module (66 mm Width case, Power panel side exhaust)
Part Number	02270233
Model	PDC2K2S12-PB

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Appearance

Figure 5-31 Appearance of the PDC2K2S12-PB



Version Mapping

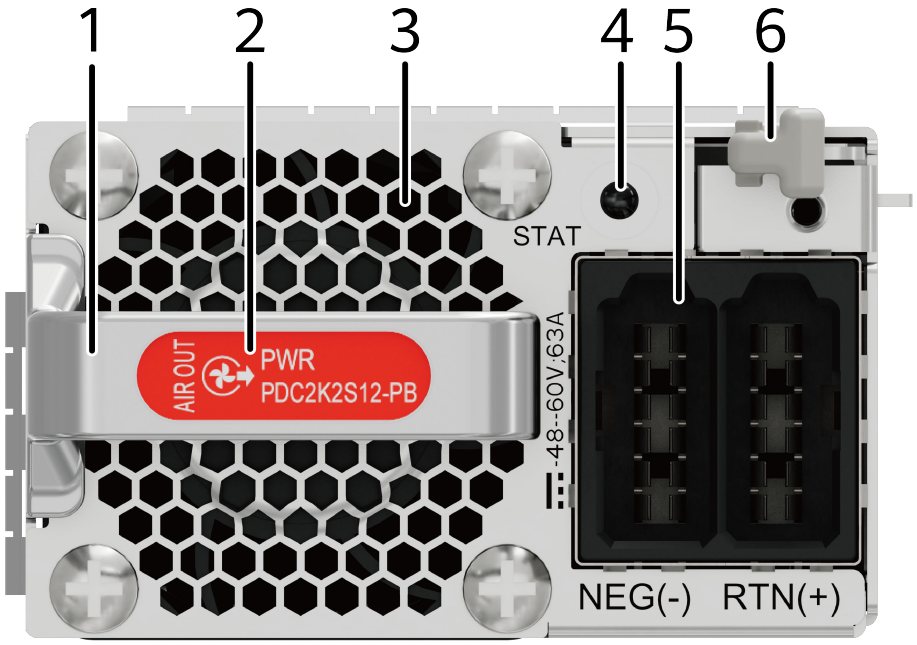
Table 5-77 Mappings between PDC2K2S12-PB and product models

Product	Product Model	First Supported Version	Limitations
S6780-H	S6780-H4Z (02356DTY)	V600R024C00	-

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Panel

Figure 5-32 Panel of the PDC2K2S12-PB



1. Handle **NOTE** Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag (air out)	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

Table 5-78 Indicators on the PDC2K2S12-PB

Silkscreen	Name	Color	Status	Description
STAT	Power status indicator	Green	Steady on	The power module is working normally.
		Green	Blinking	The power module is in loading.

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Silkscreen	Name	Color	Status	Description
		-	Off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or undervoltage).

Functions and Features

Table 5-79 Functions and features of the PDC2K2S12-PB

Functions and Features	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overvoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overcurrent protection	Stops power output and does not automatically restore power output after the input current becomes normal.
Output current limiting protection	Intermittently provides output and automatically restores normal output after the output current falls within a normal range.
Output overvoltage protection	Intermittently stops output and automatically restores output after the overvoltage condition is removed.

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Functions and Features	Description
Output short circuit protection	Intermittently provides output and automatically restores normal output after the output short circuit is removed.
Overtemperature protection	When the temperature of the power module reaches a preset threshold, the power module stops power output and will automatically restore power output after the temperature drops back to the normal range.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-80 Technical specifications of the PDC2K2S12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1.2 kg (2.65 lb)
Number of inputs	1
Rated input voltage [V]	• +48 V DC • -48 V DC to -60 V DC
Input voltage range [V]	• +40 V DC to +57 V DC • -38.4 V DC to -72 V DC
Maximum input current [A]	63 A
Rated output voltage [V]	12.15 V
Rated output current [A]	181.07 A

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Item	Specification
Rated output power [W]	2200 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.17 PDC2K2S12-PB (02270233-001: 2200W DC Power Module (66 mm Width case, Power panel side exhaust))

Overview

Table 5-81 Basic information about the PDC2K2S12-PB

Item	Details
Description	2200W DC Power Module (66 mm Width case, Power panel side exhaust)
Part Number	02270233-001
Model	PDC2K2S12-PB

Appearance

Figure 5-33 Appearance of the PDC2K2S12-PB



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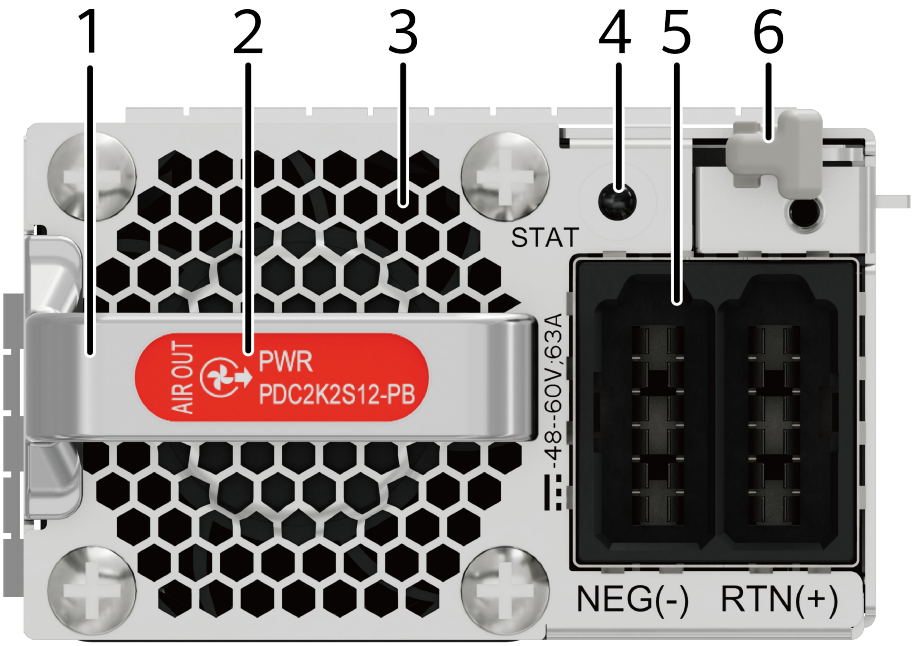
Version Mapping

Table 5-82 Mappings between PDC2K2S12-PB and product models

Product	Product Model	First Supported Version	Limitations
S6780-H	S6780-H4Z (02356DTY)	V600R024C00	-

Panel

Figure 5-34 Panel of the PDC2K2S12-PB



1. Handle **NOTE** Each power module is delivered with a velcro strap on the handle. This velcro strap is used to strap the power cable to the handle.	2. Airflow flag (air out)	3. Air vent	4. Indicator
5. Power socket	6. Lock	-	-

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Table 5-83 Indicators on the PDC2K2S12-PB

Silkscreen	Name	Color	Status	Description
STAT	Power status indicator	Green	Steady on	The power module is working normally.
		Green	Blinking	The power module is in loading.
		-	Off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or undervoltage).

Functions and Features

Table 5-84 Functions and features of the PDC2K2S12-PB

Functions and Features	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overvoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overcurrent protection	Stops power output and does not automatically restore power output after the input current becomes normal.

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Functions and Features	Description
Output current limiting protection	Intermittently provides output and automatically restores normal output after the output current falls within a normal range.
Output overvoltage protection	Intermittently stops output and automatically restores output after the overvoltage condition is removed.
Output short circuit protection	Intermittently provides output and automatically restores normal output after the output short circuit is removed.
Overtemperature protection	When the temperature of the power module reaches a preset threshold, the power module stops power output and will automatically restore power output after the temperature drops back to the normal range.
Heat dissipation	The heat dissipation is provided by the fan of the power module.
Hot swap	The device has power module redundancy. You can hot-swap a power module without interrupting device operation.

NOTE

When a power module enters the overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when its temperature returns to within the normal range.

Technical Specifications

Table 5-85 Technical specifications of the PDC2K2S12-PB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	39.6 mm x 66.0 mm x 215 mm (1.56 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1.2 kg (2.65 lb)
Number of inputs	1
Rated input voltage [V]	• +48 V DC • -48 V DC to -60 V DC

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Item	Specification
Input voltage range [V]	• +40 V DC to +57 V DC • -38.4 V DC to -72 V DC
Maximum input current [A]	63 A
Rated output voltage [V]	12.15 V
Rated output current [A]	181.07 A
Rated output power [W]	2200 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

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