

4 Power Supplies

NOTICE

- Do not use AC and DC power modules in the same router.
- Do not use power modules of different power values in the same router.
- A router can use only supported power modules. Using unsupported power modules will bring unexpected risks.

4.1 PAC180S12-CN (180W AC Power Module)

4.2 PAC300S12-CL (300W AC Power Module)

4.3 PAC350S12-CR (AC-DC Power,-25degC,55degC,90V,290V,12V/29.2A)

4.4 PAC600S56-EB (600W AC&240V DC Power Module (66mm Width Case,Back to Front,Power panel side exhaust))

4.5 PAC1000S56-EB (02314APU: 1000W AC&240V DC Power Module(66mm Width Case,Back to Front, Power panel side exhaust))

4.6 PDC1000S56-EB (POE1000W DC Power Module (66mm Width case, Back to Front, Power panel side exhaust))

4.7 PDC240S12-CN (Function Module-DC PSU-PDC240S12-CN-240W DC Power Module)

4.8 PDC260S12-CL (260W DC Power Module(Left to Right,air enters from the left side of the power panel))

4.9 PDC260S12-DL (260W DC Power Module(Left to Right,air enters from the left side of the power panel))

4.10 HW-120300D1D (Adapter-5degC, 40degC, 90V, 264V, 12V/3A, C8/2.1*5.5*9.5 H PLUG, safety PSE/PSB/FCC/ERP5, Tuning fork DC output)

4.11 AD-560062T0E (02221407: POE Adapter Power-AD-560062T0E-Desktop-35W)

4.12 AD-560062T0E (02221407-001: POE Adapter Power-AD-560062T0E-Desktop-35W-efficiency 85%)

4.13 AD-560161T0E (02221409: 56V 90W POE Adapter)

4.14 AD-560161T0E (02221409-002: 56V 90W POE Adapter)

4.1 PAC180S12-CN (180W AC Power Module)

Overview

Table 4-1 Basic information about the PAC180S12-CN

Item	Details
Description	180W AC Power Module
Part Number	02131754
Model	PAC180S12-CN

Appearance

Figure 4-1 Appearance of the PAC180S12-CN



Version Mapping

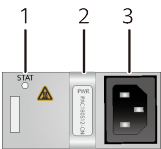
Table 4-2 Mappings between PAC180S12-CN and product models

Product	Product Model	First Supported Version
AR6700	AR6710-L50T2X4 (02354KAP)	V600R022C00

Product	Product Model	First Supported Version
AR6700	AR6710-L50T2X4-T (02354KAU)	V600R022C00
AR6700	AR6710-L26T2X4 (02354KAV)	V600R022C00
AR6700	AR6710-L26T2X4-T (02354KAX)	V600R022C00

Panel

Figure 4-2 Panel of the PAC180S12-CN



1. Power indicator (STAT)	2. Handle	3. AC power socket	-
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Table 4-3 Indicators on the PAC180S12-CN

Silkscreen	Name	Color	Status	Description
STAT	Power module indicator	Green	Steady on	The power output of the power module is normal.
		-	Off	The power output is abnormal and the power module is in protection state. (The indicator blinks if the power module is in hiccup protection state.)

Table 4-4 Ports on the PAC180S12-CN

Port	Connector Type	Description	Available Components
AC power socket	C13 straight female	Connect the device to an external power supply through an AC power cable.	AC power cable

Functions and Features

Table 4-5 Functions and features of the PAC180S12-CN

Functions and Features	Description
Input undervoltage protection	The power module can automatically resume power supply from this protection state.
Input overvoltage protection	The power module can automatically resume power supply from this protection state.
Input overcurrent protection	The power module cannot automatically resume power supply from this protection state.
Output overvoltage protection	The power module can automatically resume power supply from this protection state.
Output current limiting protection	The power module can automatically resume power supply from this protection state.
Output short-circuit protection	The power module can automatically resume power supply from this protection state.
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.

Technical Specifications

Table 4-6 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 2.60 in. x 8.46 in.)
Weight without packaging [kg (lb)]	0.66 kg (1.46 lb)
Rated input voltage [V]	AC: 100–240 V, 50/60 Hz DC: 240 V
Input voltage range [V]	AC: 90–290 V, 45–65 Hz DC: 190–290 V
Maximum input current [A]	AC: 3 A DC: 3 A
Rated output voltage [V]	12 V DC
Rated output power [W]	180 W
Power dissipation Mode	Air cooling
Hot swapping	Supported
Front-end circuit breaker/fuse [A]	When only power is supplied to the device, it is recommended that the upper-level circuit breaker be of C5 or higher specifications.

4.2 PAC300S12-CL (300W AC Power Module)

Overview

Table 4-7 Basic information about the PAC300S12-CL

Item	Details
Description	300W AC Power Module
Part Number	02131692
Model	PAC300S12-CL

Appearance

Figure 4-3 Appearance of the PAC300S12-CL



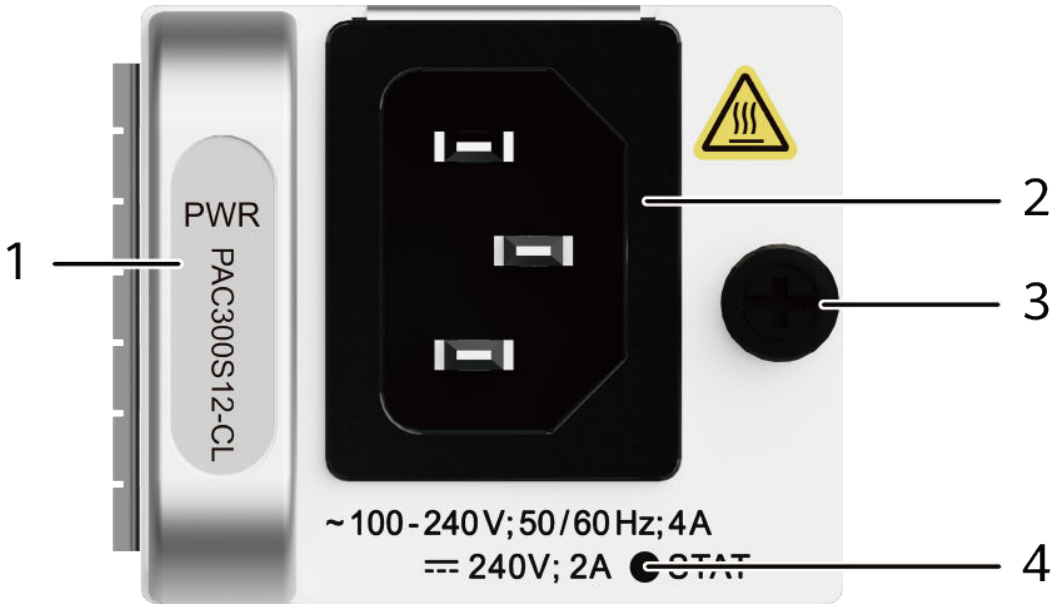
Version Mapping

Table 4-8 Mappings between PAC300S12-CL and product models

Product	Product Model	First Supported Version
AR6700	AR6710-H4T4X2Y7 (02355VGU)	V600R023C10

Panel

Figure 4-4 Panel of the PAC300S12-CL



1. Handle	2. AC power socket	3. Captive screw	4. Power indicator (STAT)
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Table 4-9 Indicators on the PAC300S12-CL

Silkscreen	Name	Color	Status	Description
-	Power module indicator	Green	Steady on	The power output of the power module is normal.
		Green	Fast blinking (4 Hz)	The power module software is being loaded online.

Silkscreen	Name	Color	Status	Description
		-	Off	• The module is in standby state with normal power supply, but is not connected to the system. • Power input is normal. There is no output due to overtemperature protection, output overcurrent, output overvoltage, short circuit protection, or component failure. • There is no output due to abnormal input or no input.

Table 4-10 Ports on the PAC300S12-CL

Port	Connector Type	Description	Available Components
AC power socket	C13 straight female	Connect the device to an external power supply through an AC power cable.	AC power cable

Functions and Features

Table 4-11 Functions and features of the PAC300S12-CL

Functions and Features	Description
Input undervoltage protection	The power module can automatically resume power supply from this protection state.
Input overvoltage protection	The power module can automatically resume power supply from this protection state.
Input overcurrent protection	The power module cannot automatically resume power supply from this protection state.
Output overvoltage protection	The power module can automatically resume power supply from this protection state.
Output current limiting protection	The power module can automatically resume power supply from this protection state.
Output short-circuit protection	The power module can automatically resume power supply from this protection state.
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.

Technical Specifications

Table 4-12 Technical specifications of the PAC300S12-CL

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 40 mm x 206 mm (1.57 in. x 1.57 in. x 8.11 in.)
Weight without packaging [kg (lb)]	1 kg (1.98 lb)
Rated input voltage [V]	100 V AC to 130 V AC; 50/60 Hz 200 V AC to 240 V AC; 50/60 Hz 240 V DC

Item	Specification
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz to 66 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 4 A 200 V AC to 240 V AC: 4 A 240 V DC: 2 A
Rated output voltage [V]	12 V
Rated output power [W]	100 V AC to 130 V AC input: Total power: 300 W 200 V AC to 240 V AC and 240 V DC input: Total power: 300 W
Power dissipation Mode	Air cooling
Hot swapping	Supported
Front-end circuit breaker/fuse [A]	When only power is supplied to the device, it is recommended that the upper-level circuit breaker be of C5 or higher specifications.

4.3 PAC350S12-CR (AC-DC Power,-25degC,55degC,90V,290V,12V/29.2A)

Overview

Table 4-13 Basic information about the PAC350S12-CR

Item	Details
Description	AC-DC Power,-25degC,55degC,90V,290V,12V/29.2A
Part Number	02131699
Model	PAC350S12-CR

Appearance

Figure 4-5 Appearance of the PAC350S12-CR



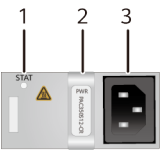
Version Mapping

Table 4-14 Mappings between PAC350S12-CR and product models

Product	Product Model	First Supported Version
AR8000	AR8140-T-12G10XG (02353LJW)	V600R021C00
AR8000	AR8140-12G10XG (02353UNW)	V600R021C00
AR8000	AR8140-L12G10XG (02357LWP)	V600R025C10
AR6700	AR6710-L50T2X4 (02354KAP)	V600R022C00
AR6700	AR6710-L50T2X4-T (02354KAU)	V600R022C00
AR6700	AR6710-L26T2X4 (02354KAV)	V600R022C00
AR6700	AR6710-L26T2X4-T (02354KAX)	V600R022C00

Panel

Figure 4-6 Panel of the PAC350S12-CR



1. Power indicator (STAT)	2. Handle	3. AC power socket	-
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Table 4-15 Indicators on the PAC350S12-CR

Silkscreen	Name	Color	Status	Description
STAT	Power indicator	Green	Steady on	The power output of the power module is normal.
		Green	Blinking	The power is on software loading.
		-	Off	The power output is abnormal and the power module is in protection state. (The indicator blinks if the power module is in hiccup protection state.)

Table 4-16 Ports on the PAC350S12-CR

Port	Connector Type	Description	Available Components
AC power socket	C13 straight female	Use an AC Power Cable to connect the router to a power source.	AC power cable

Functions and Features

Table 4-17 Functions and features of the PAC350S12-CR

Functions and Features	Description
Input undervoltage protection	The power module can automatically resume power supply from this protection state.
Input overvoltage protection	The power module can automatically resume power supply from this protection state.
Input overcurrent protection	The power module cannot automatically resume power supply from this protection state.
Output overvoltage protection	The power module can automatically resume power supply from this protection state.
Output current limiting protection	The power module can automatically resume power supply from this protection state.
Output short-circuit protection	The power module can automatically resume power supply from this protection state.
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.

Technical Specifications

Table 4-18 Technical specifications of the PAC350S12-CR

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	215 mm x 66 mm x 39.6 mm
Weight without packaging [kg (lb)]	1.5 kg (3.31 lb)

Item	Specification
Rated input voltage [V]	AC: 100–240V, 50/60 Hz DC: 240 V
Input voltage range [V]	AC: 90–290 V, 45–65 Hz DC: 190–290 V
Maximum input current [A]	AC: 5.5 A DC: 2.5 A
Rated output voltage [V]	12 V DC
Rated output power [W]	350 W
Power dissipation Mode	Air-cooled heat dissipation
Hot swapping	Supported
Front-end circuit breaker/fuse [A]	When only power is supplied to the device, it is recommended that the upper-level circuit breaker be of C5 or higher specifications.

4.4 PAC600S56-EB (600W AC&240V DC Power Module (66mm Width Case,Back to Front,Power panel side exhaust))

Overview

Table 4-19 Basic information about the PAC600S56-EB

Item	Details
Description	600W AC&240V DC Power Module (66mm Width Case,Back to Front,Power panel side exhaust)
Part Number	02314APV
Model	PAC600S56-EB

Appearance

Figure 4-7 Appearance of the PAC600S56-EB



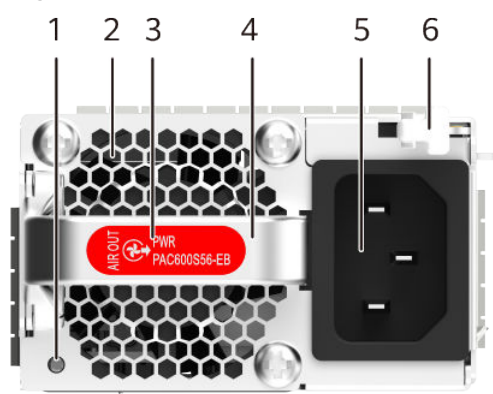
Version Mapping

Table 4-20 Mappings between PAC600S56-EB and product models

Product	Product Model	First Supported Version
AR8000	AR8700-8 (02355LFN)	V600R022C10

Panel

Figure 4-8 Panel of the PAC600S56-EB



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

Table 4-21 Indicators on the PAC600S56-EB

Silkscreen	Name	Color	Status	Description
-	Power module indicator	Green	Steady on	The power output of the power module is normal.
		Green	Fast blinking (4 Hz)	The power module software is being loaded online.

Silkscreen	Name	Color	Status	Description
		-	Off	• The module is in standby state with normal power supply, but is not connected to the system. • Power input is normal. There is no output due to overtemperature protection, output overcurrent, output overvoltage, short circuit protection, or component failure. • There is no output due to abnormal input or no input.

Table 4-22 Ports on the PAC600S56-EB

Port	Connector Type	Description	Available Components
AC power socket	C13 straight female	Connect the device to an external power supply through an AC power cable.	AC power cable

Functions and Features

Table 4-23 Functions and features of the PAC600S56-EB

Functions and Features	Description
Input undervoltage protection	The power module can automatically resume power supply from this protection state.
Input overvoltage protection	The power module can automatically resume power supply from this protection state.
Input overcurrent protection	The power module cannot automatically resume power supply from this protection state.
Output overvoltage protection	The power module can automatically resume power supply from this protection state.
Output current limiting protection	The power module can automatically resume power supply from this protection state.
Output short-circuit protection	The power module can automatically resume power supply from this protection state.
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.

Technical Specifications

Table 4-24 Technical specifications of the PAC600S56-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 66 mm x 215 mm (1.57 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	0.9 kg (1.98 lb)
Rated input voltage [V]	100 V AC to 130 V AC; 50/60 Hz 200 V AC to 240 V AC; 50/60 Hz 240 V DC

Item	Specification
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz to 66 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 8 A 200 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	53.5 V or 55.5 V
Rated output power [W]	100 V AC to 130 V AC input: Total power: 300 W 200 V AC to 240 V AC and 240 V DC input: Total power: 600 W
Power dissipation Mode	Air cooling
Hot swapping	Supported
Front-end circuit breaker/fuse [A]	When only power is supplied to the device, it is recommended that the upper-level circuit breaker be of C5 or higher specifications.

4.5 PAC1000S56-EB (02314APU: 1000W AC&240V DC Power Module(66mm Width Case,Back to Front, Power panel side exhaust))

Overview

Table 4-25 Basic information about the PAC1000S56-EB

Item	Details
Description	1000W AC&240V DC Power Module(66mm Width Case,Back to Front, Power panel side exhaust)
Part Number	02314APU
Model	PAC1000S56-EB

Appearance

Figure 4-9 Appearance of the PAC1000S56-EB



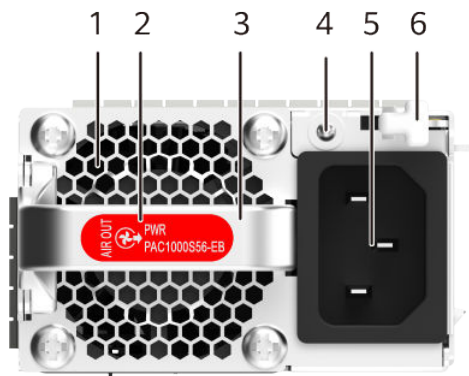
Version Mapping

Table 4-26 Mappings between PAC1000S56-EB and product models

Product	Product Model	First Supported Version
AR8000	AR8700-8 (02355LFN)	V600R022C10

Panel

Figure 4-10 Panel of the PAC1000S56-EB



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

Table 4-27 Indicators on the PAC1000S56-EB

Silkscreen	Name	Color	Status	Description
-	Power module indicator	Green	Steady on	The power output of the power module is normal.
		Green	Fast blinking (4 Hz)	The power module software is being loaded online.

Silkscreen	Name	Color	Status	Description
		-	Off	• The module is in standby state with normal power supply, but is not connected to the system. • Power input is normal. There is no output due to overtemperature protection, output overcurrent, output overvoltage, short circuit protection, or component failure. • There is no output due to abnormal input or no input.

Table 4-28 Ports on the PAC1000S56-EB

Port	Connector Type	Description	Available Components
AC power socket	C13 straight female	Connect the device to an external power supply through an AC power cable.	AC power cable

Functions and Features

Table 4-29 Functions and features of the PAC1000S56-EB

Functions and Features	Description
Input undervoltage protection	The power module can automatically resume power supply from this protection state.
Input overvoltage protection	The power module can automatically resume power supply from this protection state.
Input overcurrent protection	The power module cannot automatically resume power supply from this protection state.
Output overvoltage protection	The power module can automatically resume power supply from this protection state.
Output current limiting protection	The power module can automatically resume power supply from this protection state.
Output short-circuit protection	The power module can automatically resume power supply from this protection state.
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.

Technical Specifications

Table 4-30 Technical specifications of the PAC1000S56-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 66 mm x 215 mm (1.57 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1.1 kg (2.43 lb)
Number of inputs	1

Item	Specification
Rated input voltage [V]	100 V AC to 130 V AC; 50/60 Hz 200 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 66 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 12 A 200 V AC to 240 V AC: 8 A 240 V DC: 8 A
Rated output voltage [V]	53.5 V or 55.5 V
Rated output power [W]	100 V AC to 130 V AC input: Total power: 900 W 200 V AC to 240 V AC and 240 V DC input: Total power: 1000 W
Power dissipation Mode	Air cooling
Hot swapping	Supported
Front-end circuit breaker/fuse [A]	When only power is supplied to the device, it is recommended that the upper-level circuit breaker be of C5 or higher specifications.

4.6 PDC1000S56-EB (POE1000W DC Power Module (66mm Width case, Back to Front, Power panel side exhaust))

Overview

Table 4-31 Basic information about the PDC1000S56-EB

Item	Details
Description	POE1000W DC Power Module (66mm Width case, Back to Front, Power panel side exhaust)
Part Number	02313XRB
Model	PDC1000S56-EB

Appearance

Figure 4-11 Appearance of the PDC1000S56-EB



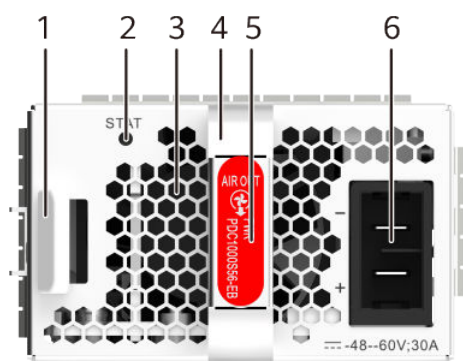
Version Mapping

Table 4-32 Mappings between PDC1000S56-EB and product models

Product	Product Model	First Supported Version
AR8000	AR8700-8 (02355LFN)	V600R022C10

Panel

Figure 4-12 Panel of the PDC1000S56-EB



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

Table 4-33 Indicators on the PDC1000S56-EB

Silkscreen	Name	Color	Status	Description
STAT	Power module indicator	Green	Steady on	The power output of the power module is normal.
		Green	Blinking	The power module software is being loaded online.

Silkscreen	Name	Color	Status	Description
		-	Off	• The module is in standby state with normal power supply, but is not connected to the system. • Power input is normal. There is no output due to overtemperature protection, output overcurrent, output overvoltage, short circuit protection, or component failure. • There is no output due to abnormal input or no input.

Table 4-34 Ports on the PDC1000S56-EB

Port	Connector Type	Description	Available Components
DC power socket	Rectangular quick-connect terminal	Use a DC power cable to connect the router to a power source.	DC Power Cable

Functions and Features

Table 4-35 Functions and features of the PDC1000S56-EB

Functions and Features	Description
Input undervoltage protection	The power module can automatically resume power supply from this protection state.
Input overvoltage protection	The power module can automatically resume power supply from this protection state.
Input overcurrent protection	The power module cannot automatically resume power supply from this protection state.
Output overvoltage protection	The power module can automatically resume power supply from this protection state.
Output current limiting protection	The power module can automatically resume power supply from this protection state.
Output short-circuit protection	The power module can automatically resume power supply from this protection state.
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.

Technical Specifications

Table 4-36 Technical specifications of the PDC1000S56-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 66 mm x 215 mm (1.57 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg (lb)]	1 kg (2.20 lb)
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

Item	Specification
Rated output voltage [V]	53.5 V or 55.5 V
Rated output power [W]	1000 W
Power dissipation Mode	Air cooling
Hot swapping	Supported
Front-end circuit breaker/fuse [A]	When only power is supplied to the device, it is recommended that the upper-level circuit breaker be of C5 or higher specifications.

4.7 PDC240S12-CN (Function Module-DC PSU-PDC240S12-CN-240W DC Power Module)

Overview

Table 4-37 Basic information about the PDC240S12-CN

Item	Details
Description	Function Module-DC PSU-PDC240S12-CN-240W DC Power Module
Part Number	02314VUJ
Model	PDC240S12-CN

Appearance

Figure 4-13 Appearance of the PDC240S12-CN



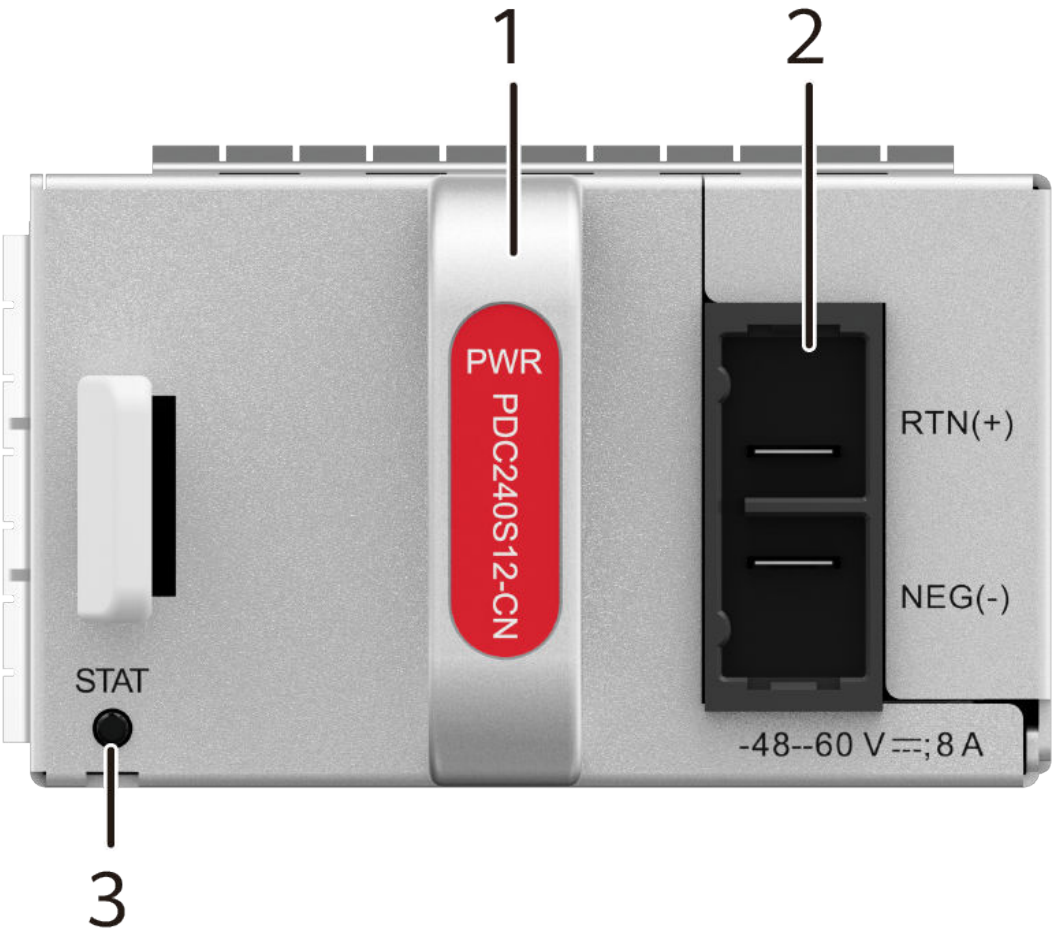
Version Mapping

Table 4-38 Mappings between PDC240S12-CN and product models

Product	Product Model	First Supported Version
AR8000	AR8140-T-12G10XG (02353LJW)	V600R024C00
AR8000	AR8140-12G10XG (02353UNW)	V600R024C00
AR6700	AR6710-L26T2X4 (02354KAV)	V600R024C00
AR6700	AR6710-L50T2X4-T (02354KAU)	V600R024C00
AR6700	AR6710-L26T2X4-T (02354KAX)	V600R024C00
AR6700	AR6710-L50T2X4 (02354KAP)	V600R024C00

Panel

Figure 4-14 Panel of the PDC240S12-CN



1. Handle	2. DC power socket	3. Power indicator (STAT)	-
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Table 4-39 Indicators on the PDC240S12-CN

Silkscreen	Name	Color	Status	Description
STAT	Power module indicator	Green	Steady on	The power output of the power module is normal.
		Green	Blinking	The power module software is being loaded online.

Silkscreen	Name	Color	Status	Description
		-	Off	• The module is in standby state with normal power supply, but is not connected to the system. • Power input is normal. There is no output due to overtemperature protection, output overcurrent, output overvoltage, short circuit protection, or component failure. • There is no output due to abnormal input or no input.

Table 4-40 Ports on the PDC240S12-CN

Port	Connector Type	Description	Available Components
DC power socket	Quick-connect terminal	Use a DC power cable to connect the router to a power source.	DC Power Cable

Functions and Features

Table 4-41 Functions and features of the PDC240S12-CN

Functions and Features	Description
Input undervoltage protection	The power module can automatically resume power supply from this protection state.
Input overvoltage protection	The power module can automatically resume power supply from this protection state.
Input overcurrent protection	The power module cannot automatically resume power supply from this protection state.
Output overvoltage protection	The power module can automatically resume power supply from this protection state.
Output current limiting protection	The power module can automatically resume power supply from this protection state.
Output short-circuit protection	The power module can automatically resume power supply from this protection state.
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.

Technical Specifications

Table 4-42 Technical specifications of the PDC240S12-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 2.60 in. x 8.46 in.)
Weight without packaging [kg(lb)]	1 kg (2.20 lb)
Rated input voltage [V]	-48 V DC/-60 V DC +48 V DC

Item	Specification
Input voltage range [V]	–38.4 V DC to –72 V DC +38.4 V DC to +57 V DC
Maximum input current [A]	8 A
Rated output voltage [V]	12 V
Rated output power [W]	240 W
Power dissipation Mode	Air cooling
Hot swapping	Supported
Front-end circuit breaker/fuse [A]	If there is only one device connected to the circuit breaker, use a C16 or below circuit breaker. If more than one device is connected to the circuit breaker, use a C25 or above circuit breaker.

4.8 PDC260S12-CL (260W DC Power Module(Left to Right,air enters from the left side of the power panel))

Overview

Table 4-43 Basic information about the PDC260S12-CL

Item	Details
Description	260W DC Power Module(Left to Right,air enters from the left side of the power panel)
Part Number	02312UMC
Model	PDC260S12-CL

Appearance

Figure 4-15 Appearance of the PDC260S12-CL



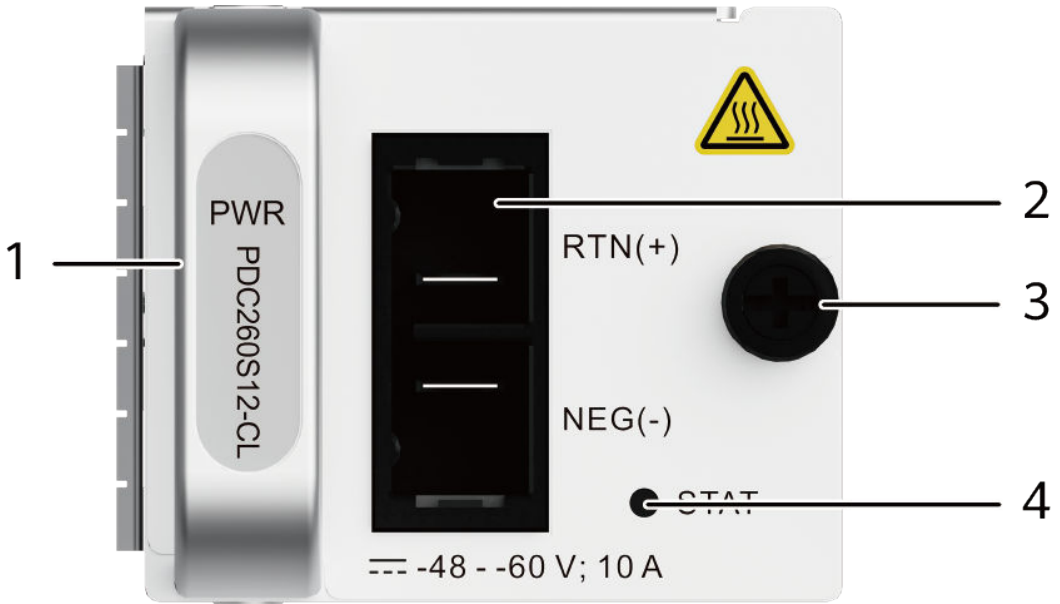
Version Mapping

Table 4-44 Mappings between PDC260S12-CL and product models

Product	Product Model	First Supported Version
AR6700	AR6710-H4T4X2Y7 (02355VGU)	V600R023C10

Panel

Figure 4-16 Panel of the PDC260S12-CL



1. Handle	2. DC power socket	3. Captive screw	4. Power indicator (STAT)
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Table 4-45 Indicators on the PDC260S12-CL

Silkscreen	Name	Color	Status	Description
STAT	Power module indicator	Green	Steady on	The power output of the power module is normal.
		Green	Blinking	The power module software is being loaded online.

Silkscreen	Name	Color	Status	Description
		-	Off	• The module is in standby state with normal power supply, but is not connected to the system. • Power input is normal. There is no output due to overtemperature protection, output overcurrent, output overvoltage, short circuit protection, or component failure. • There is no output due to abnormal input or no input.

Table 4-46 Ports on the PDC260S12-CL

Port	Connector Type	Description	Available Components
DC power socket	Quick-connect terminal	Use a DC power cable to connect the router to a power source.	DC power cable

Functions and Features

Table 4-47 Functions and features of the PDC260S12-CL

Functions and Features	Description
Input undervoltage protection	The power module can automatically resume power supply from this protection state.
Input overvoltage protection	The power module can automatically resume power supply from this protection state.
Input overcurrent protection	The power module cannot automatically resume power supply from this protection state.
Output overvoltage protection	The power module can automatically resume power supply from this protection state.
Output current limiting protection	The power module can automatically resume power supply from this protection state.
Output short-circuit protection	The power module can automatically resume power supply from this protection state.
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.

Technical Specifications

Table 4-48 Technical specifications of the PDC260S12-CL

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 40 mm x 202 mm (1.57 in. x 1.57 in. x 7.95 in.)
Weight without packaging [kg (lb)]	0.5 kg (1.10 lb)
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]	10 A

Item	Specification
Rated output voltage [V]	12 V
Rated output power [W]	260 W
Power dissipation Mode	Air cooling
Hot swapping	Supported
Front-end circuit breaker/fuse [A]	When only power is supplied to the device, it is recommended that the upper-level circuit breaker be of C5 or higher specifications.

4.9 PDC260S12-DL (260W DC Power Module(Left to Right,air enters from the left side of the power panel))

Overview

Table 4-49 Basic information about the PDC260S12-DL

Item	Details
Description	260W DC Power Module(Left to Right,air enters from the left side of the power panel)
Part Number	02312UMV
Model	PDC260S12-DL

Appearance

Figure 4-17 Appearance of the PDC260S12-DL



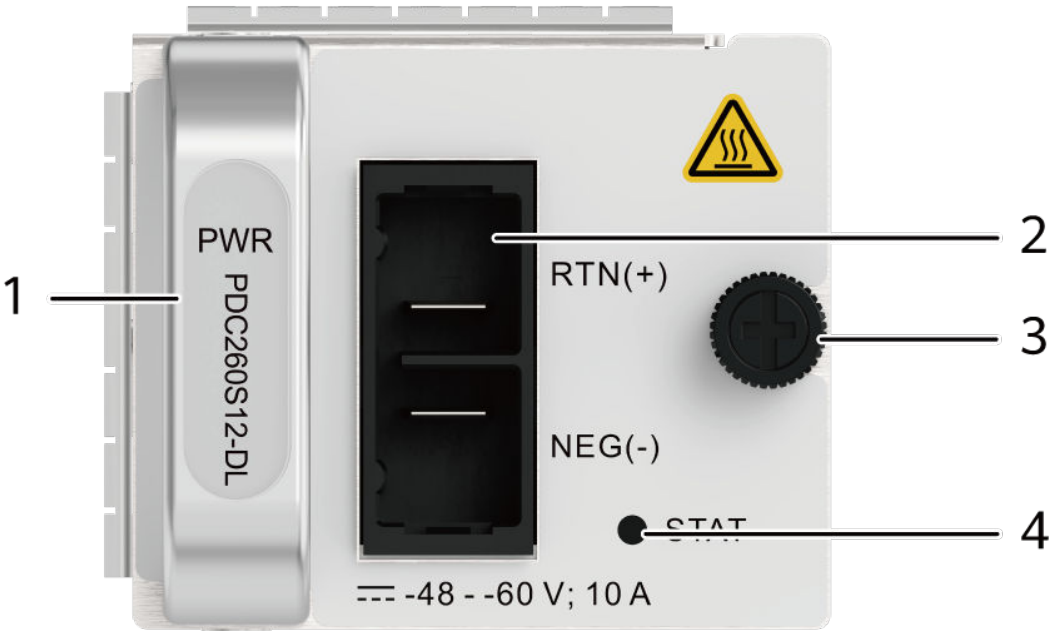
Version Mapping

Table 4-50 Mappings between PDC260S12-DL and product models

Product	Product Model	First Supported Version
AR6700	AR6710-H4T4X2Y7 (02355VGU)	V600R023C10

Panel

Figure 4-18 Panel of the PDC260S12-DL



1. Handle	2. DC power socket	3. Captive screw	4. Power indicator (STAT)
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Table 4-51 Indicators on the PDC260S12-DL

Silkscreen	Name	Color	Status	Description
STAT	Power module indicator	Green	Steady on	The power output of the power module is normal.
		Green	Blinking	The power module software is being loaded online.

Silkscreen	Name	Color	Status	Description
		-	Off	• The module is in standby state with normal power supply, but is not connected to the system. • Power input is normal. There is no output due to overtemperature protection, output overcurrent, output overvoltage, short circuit protection, or component failure. • There is no output due to abnormal input or no input.

Table 4-52 Ports on the PDC260S12-DL

Port	Connector Type	Description	Available Components
DC power socket	Quick-connect terminal	Use a DC power cable to connect the router to a power source.	DC Power Cable

Functions and Features

Table 4-53 Functions and features of the PDC260S12-DL

Functions and Features	Description
Input undervoltage protection	The power module can automatically resume power supply from this protection state.
Input overvoltage protection	The power module can automatically resume power supply from this protection state.
Input overcurrent protection	The power module cannot automatically resume power supply from this protection state.
Output overvoltage protection	The power module can automatically resume power supply from this protection state.
Output current limiting protection	The power module can automatically resume power supply from this protection state.
Output short-circuit protection	The power module can automatically resume power supply from this protection state.
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.

Technical Specifications

Table 4-54 Technical specifications of the PDC260S12-DL

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 40 mm x 202 mm (1.57 in. x 1.57 in. x 7.95 in.)
Weight without packaging [kg (lb)]	0.5 kg (1.10 lb)
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]	10 A

Item	Specification
Rated output voltage [V]	12 V
Rated output power [W]	260 W
Power dissipation Mode	Air cooling
Hot swapping	Supported
Front-end circuit breaker/fuse [A]	When only power is supplied to the device, it is recommended that the upper-level circuit breaker be of C5 or higher specifications.

4.10 HW-120300D1D (Adapter-5degC, 40degC, 90V, 264V, 12V/3A, C8/2.1*5.5*9.5 H PLUG, safety PSE/PSB/FCC/ERP5, Tuning fork DC output)

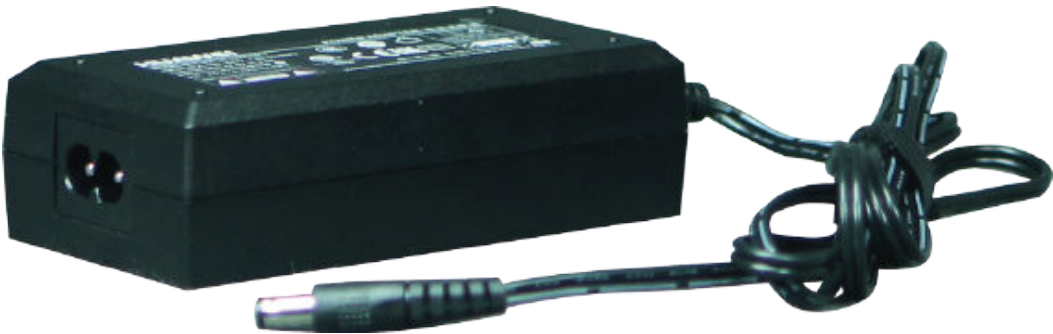
Overview

Table 4-55 Basic information about the HW-120300D1D

Item	Details
Description	Adapter-5degC, 40degC, 90V, 264V, 12V/3A, C8/2.1*5.5*9.5 H PLUG, safety PSE/PSB/FCC/ERP5, Tuning fork DC output
Part Number	02221468
Model	HW-120300D1D

Appearance

Figure 4-19 Appearance of the HW-120300D1D



Version Mapping

Table 4-56 Mappings between HW-120300D1D and product models

Product	Product Model	First Supported Version
AR5700	AR5710-H8T2TS1 (50010567)	V600R022C00
AR5700	AR5710-H8T2TS1 (50010567-001)	V600R022C00
AR5700	AR5710-H8T2TS1-T (50010568)	V600R022C00

Functions and Features

Table 4-57 Functions and features of the HW-120300D1D

Functions and Features	Description
Input overcurrent protection	In this protection state, the power adapter stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output current limiting protection	In this protection state, the power adapter supplies power intermittently. When the output current is limited within a range, the power adapter automatically resumes power supply.
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.
Output short-circuit protection	In this protection state, the power adapter supplies power intermittently. When the short circuit is removed, the power adapter automatically resumes power supply.

Technical Specifications

Table 4-58 Technical specifications of the HW-120300D1D

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	32 mm x 100 mm x 54 mm (1.26 in. x 3.94 in. x 2.13 in.)
Weight without packaging [kg (lb)]	0.2 kg (0.44 lb)
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz
Input voltage range [V]	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current [A]	1 A
Rated output voltage [V]	12 V DC
Rated output power [W]	36 W
Power dissipation Mode	Natural heat dissipation
Hot swapping	Not supported

4.11 AD-560062T0E (02221407: POE Adapter Power-AD-560062T0E-Desktop-35W)

Overview

Table 4-59 Basic information about the AD-560062T0E

Item	Details
Description	POE Adapter Power-AD-560062T0E-Desktop-35W
Part Number	02221407
Model	AD-560062T0E

Appearance

Figure 4-20 Appearance of the AD-560062T0E



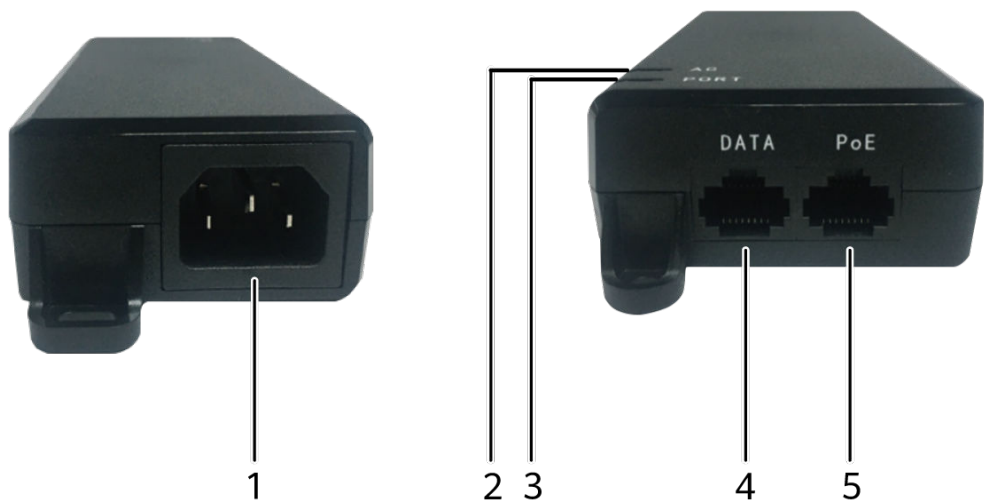
Version Mapping

Table 4-60 Mappings between AD-560062T0E and product models

Product	Product Model	First Supported Version
AR5700	AR5710I-RU-NRGL (50010879)	V600R025C10
AR5700	AR5710I-RU-NRGL (50010879-001)	V600R025C10

Panel

Figure 4-21 Panel of the AD-560062T0E



1. AC power socket	2. Power indicator	3. PoE interface indicator	4. DATA interface
5. PoE interface	-	-	-

Table 4-61 Indicators on the AD-560062T0E

Silkscreen	Name	Color	Status	Description
AC	Power indicator	Green	Steady on	The power output of the power module is normal.
		Green	Blinking	The power module is abnormal.
		-	Off	The power module is abnormal.
PORT	PoE interface indicator	Green	Steady on	The PoE interface is properly connected.
		Green	Blinking	The PoE interface is not properly connected.
		-	Off	The PoE interface is not properly connected.

Table 4-62 Ports on the AD-560062T0E

Port	Connector Type	Description	Available Components
PoE interface	RJ45	Supplies power to external powered devices through Ethernet cables.	Ethernet cable

Port	Connector Type	Description	Available Components
DATA interface	RJ45	An electrical interface transmits and receives services.	Ethernet cable

Functions and Features

Table 4-63 Functions and features of the AD-560062T0E

Functions and Features	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overcurrent protection	Stops power output and automatically restores power output after the input current becomes normal.
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.

Technical Specifications

Table 4-64 Technical specifications of the AD-560062T0E

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	31 mm x 62 mm x 171 mm (1.22 in. x 2.44 in. x 6.73 in.)
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz
Input voltage range [V]	90 V AC to 290 V AC, 47 Hz to 63 Hz
Rated output voltage [V]	56 V DC
Rated output power [W]	35 W

Item	Specification
Power dissipation Mode	Natural heat dissipation Do not touch the power adapter for a long time because the plastic shell may be slightly hot when the power adapter is heavily loaded. This condition does not affect the performance and reliability of the adapter.
Hot swapping	Not supported

4.12 AD-560062T0E (02221407-001: POE Adapter Power-AD-560062T0E-Desktop-35W-efficiency 85%)

Overview

Table 4-65 Basic information about the AD-560062T0E

Item	Details
Description	POE Adapter Power-AD-560062T0E-Desktop-35W-efficiency 85%
Part Number	02221407-001
Model	AD-560062T0E

Appearance

Figure 4-22 Appearance of the AD-560062T0E



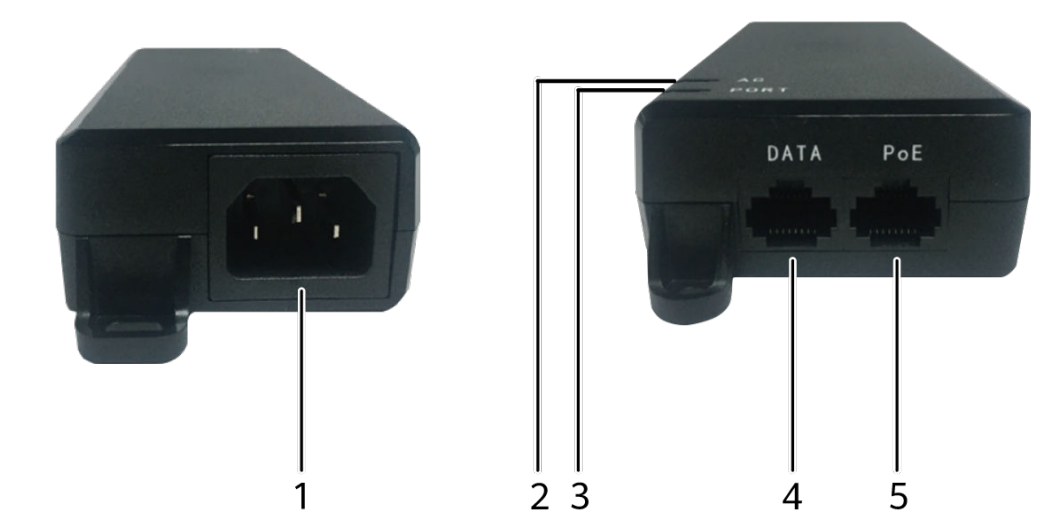
Version Mapping

Table 4-66 Mappings between AD-560062T0E and product models

Product	Product Model	First Supported Version
AR5700	AR5710I-RU-NRGL (50010879)	V600R025C10
AR5700	AR5710I-RU-NRGL (50010879-001)	V600R025C10

Panel

Figure 4-23 Panel of the AD-560062T0E



1. AC power socket	2. Power indicator	3. PoE interface indicator	4. DATA interface
5. PoE interface	-	-	-

Table 4-67 Indicators on the AD-560062T0E

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

Silkscreen	Name	Color	Status	Description
PORT	PoE interface indicator	Green	Blinking	The power module is abnormal.
		-	Off	The power module is abnormal.
		-	Off	The PoE interface is not properly connected.
PORT	PoE interface indicator	Green	Steady on	The PoE interface is properly connected.
		Green	Blinking	The PoE interface is not properly connected.
		-	Off	The PoE interface is not properly connected.

Table 4-68 Ports on the AD-560062T0E

Port	Connector Type	Description	Available Components
PoE interface	RJ45	Supplies power to external powered devices through Ethernet cables.	Ethernet cable
DATA interface	RJ45	An electrical interface transmits and receives services.	Ethernet cable

Functions and Features

Table 4-69 Functions and features of the AD-560062T0E

Functions and Features	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.

Functions and Features	Description
Input overcurrent protection	Stops power output and automatically restores power output after the input current becomes normal.
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.

Technical Specifications

Table 4-70 Technical specifications of the AD-560062T0E

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	31 mm x 62 mm x 171 mm (1.22 in. x 2.44 in. x 6.73 in.)
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz
Input voltage range [V]	90 V AC to 290 V AC, 47 Hz to 63 Hz
Rated output voltage [V]	56 V DC
Rated output power [W]	35 W
Power dissipation Mode	Natural heat dissipation Do not touch the power adapter for a long time because the plastic shell may be slightly hot when the power adapter is heavily loaded. This condition does not affect the performance and reliability of the adapter.
Hot swapping	Not supported

4.13 AD-560161T0E (02221409: 56V 90W POE Adapter)

Overview

Table 4-71 Basic information about the AD-560161T0E

Item	Details
Description	56V 90W POE Adapter
Part Number	02221409
Model	AD-560161T0E

Appearance

Figure 4-24 Appearance of the AD-560161T0E



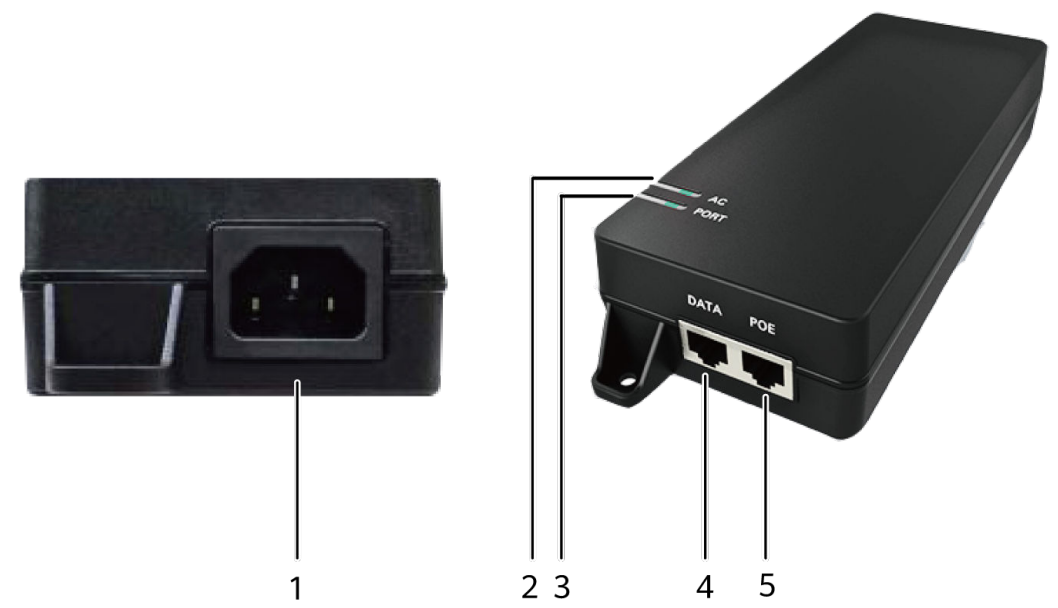
Version Mapping

Table 4-72 Mappings between AD-560161T0E and product models

Product	Product Model	First Supported Version
AR5700	AR5710I-RU-NRGL (50010879)	V600R025C10
AR5700	AR5710I-RU-NRGL (50010879-001)	V600R025C10

Panel

Figure 4-25 Panel of the AD-560161T0E



1. AC power socket	2. Power indicator	3. PoE interface indicator	4. DATA interface
5. PoE interface	-	-	-

Table 4-73 Indicators on the AD-560161T0E

Silkscreen	Name	Color	Status	Description
AC	Power indicator	Green	Steady on	The power output of the power module is normal.
		Green	Blinking	The power module is abnormal.
		-	Off	The power module is abnormal.
PORT	PoE interface indicator	Green	Steady on	The PoE interface is properly connected.

Silkscreen	Name	Color	Status	Description
		Green	Blinking	The PoE interface is not properly connected.
		-	Off	The PoE interface is not properly connected.

Table 4-74 Ports on the AD-560161T0E

Port	Connector Type	Description	Available Components
PoE interface	RJ45	Supplies power to external powered devices through Ethernet cables.	Ethernet cable
DATA interface	RJ45	An electrical interface transmits and receives services.	Ethernet cable

Functions and Features

Table 4-75 Functions and features of the AD-560161T0E

Functions and Features	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overcurrent protection	Stops power output and automatically restores power output after the input current becomes normal.
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.

Technical Specifications

Table 4-76 Technical specifications of the AD-560161T0E

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 191.5 mm x 80 mm (1.57 in. x 7.54 in. x 3.15 in.)
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz
Input voltage range [V]	90 V AC to 290 V AC, 47 Hz to 63 Hz
Rated output voltage [V]	56 V DC
Rated output power [W]	90 W
Power dissipation Mode	Natural heat dissipation Do not touch the power adapter for a long time because the plastic shell may be slightly hot when the power adapter is heavily loaded. This condition does not affect the performance and reliability of the adapter.
Hot swapping	Not supported

4.14 AD-560161T0E (02221409-002: 56V 90W POE Adapter)

Overview

Table 4-77 Basic information about the AD-560161T0E

Item	Details
Description	56V 90W POE Adapter
Part Number	02221409-002
Model	AD-560161T0E

Appearance

Figure 4-26 Appearance of the AD-560161T0E



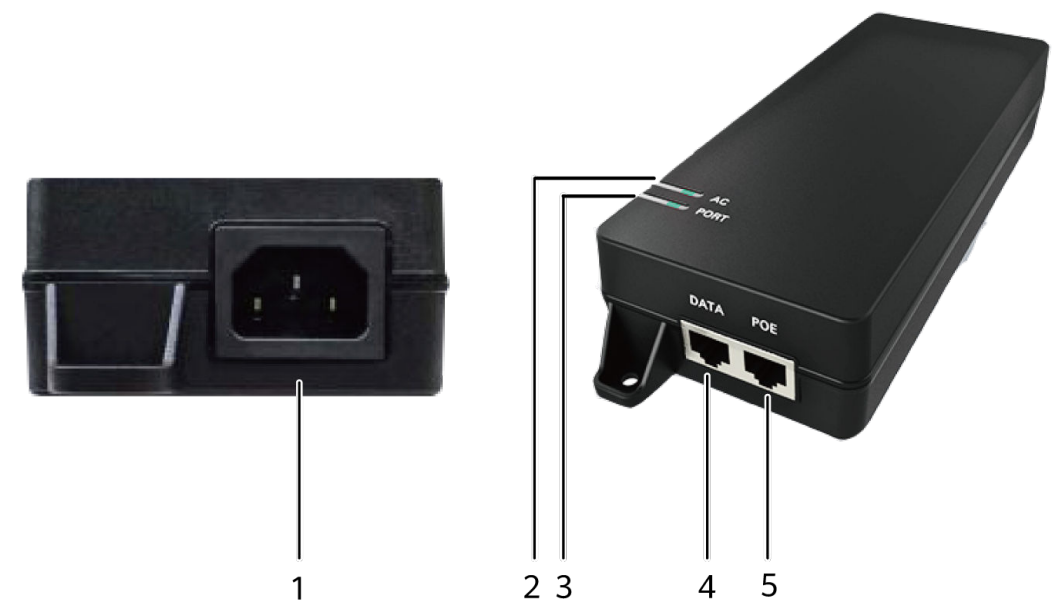
Version Mapping

Table 4-78 Mappings between AD-560161T0E and product models

Product	Product Model	First Supported Version
AR5700	AR5710I-RU-NRGL (50010879)	V600R025C10
AR5700	AR5710I-RU-NRGL (50010879-001)	V600R025C10

Panel

Figure 4-27 Panel of the AD-560161T0E



1. AC power socket	2. Power indicator	3. PoE interface indicator	4. DATA interface
5. PoE interface	-	-	-

Table 4-79 Indicators on the AD-560161T0E

Silkscreen	Name	Color	Status	Description
AC	Power indicator	Green	Steady on	The power output of the power module is normal.
		Green	Blinking	The power module is abnormal.
		-	Off	The power module is abnormal.
PORT	PoE interface indicator	Green	Steady on	The PoE interface is properly connected.

Silkscreen	Name	Color	Status	Description
		Green	Blinking	The PoE interface is not properly connected.
		-	Off	The PoE interface is not properly connected.

Table 4-80 Ports on the AD-560161T0E

Port	Connector Type	Description	Available Components
PoE interface	RJ45	Supplies power to external powered devices through Ethernet cables.	Ethernet cable
DATA interface	RJ45	An electrical interface transmits and receives services.	Ethernet cable

Functions and Features

Table 4-81 Functions and features of the AD-560161T0E

Functions and Features	Description
Input undervoltage protection	Stops power output and automatically restores power output after the input voltage becomes normal.
Input overcurrent protection	Stops power output and automatically restores power output after the input current becomes normal.
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.

Technical Specifications

Table 4-82 Technical specifications of the AD-560161T0E

Item	Specification
Dimensions without packaging (H x W x D) [mm (in.)]	40 mm x 191.5 mm x 80 mm (1.57 in. x 7.54 in. x 3.15 in.)
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz
Input voltage range [V]	90 V AC to 290 V AC, 47 Hz to 63 Hz
Rated output voltage [V]	56 V DC
Rated output power [W]	90 W
Power dissipation Mode	Natural heat dissipation Do not touch the power adapter for a long time because the plastic shell may be slightly hot when the power adapter is heavily loaded. This condition does not affect the performance and reliability of the adapter.
Hot swapping	Not supported