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Overview

2200 W DC Power Module (Front to Back, Power panel side intake)

Quick Specification

Table 1 shows the quick specification.

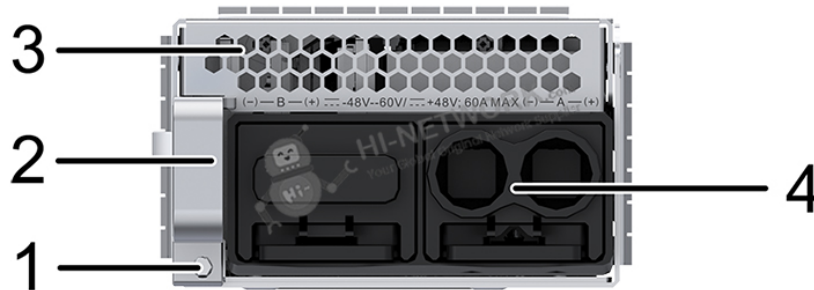
Model	PDC2K2S54-DF
Part Number	02312YCQ
Description	2200 W DC Power Module (Front to Back, Power panel side intake)
Dimensions without packaging (H x W x D) [mm(in.)]	39.6 mm x 66 mm x 350 mm (1.56 in. x 2.60 in. x 13.78 in.)
Weight without packaging [kg(lb)]	1.5 (3.31)
Number of inputs	1 or 2
Rated input voltage [V]	-48 V DC/-60 V DC/48 V DC
Rated output power [W]	2200 W

Figure 1 shows the appearance of PDC2K2S54-DF.



Product Details

Figure 2 shows the panel of the PDC2K2S54-DF.



Note:

(1)	Running status indicator	(3)	Air vent hole
(2)	Handle	(4)	Power socket (two inputs A and B)

Table 2 shows the indicators on the PDC2K2S54-DF.

Silkscreen	Name	Color	Status	Description
-	Running status indicator	Green	Steady on	The power module is working properly.
		Green	Fast blinking (4 Hz)	Online loading
		Green	Slow blinking (1 Hz)	The power module is powered on but not inserted into the system.
		Red	Steady on	Fan faults, power overtemperature protection, power output overcurrent protection, power output short-circuit protection, power output overvoltage protection, and power input undervoltage protection
		-	Steady off	There is no power input, the auxiliary power source does not work.

Table 3 shows the functions and features of the PDC2K2S54-DF.

Functions and Features	Description
Input undervoltage protection	In this protection state, the power module is turned off and stops supplying power. When the system recovers from input undervoltage, the power module can automatically resume power supply.
Input overcurrent protection	In this protection state, the power module is turned off and stops supplying power. When the system recovers from input overcurrent, the power module cannot automatically resume power supply and needs to be replaced.
Output overvoltage protection	<ul style="list-style-type: none"> If output overvoltage is caused by the power module itself, the power module is turned off and stops supplying power. The power module cannot automatically resume power supply. If output overvoltage is caused by increase of the input voltage received from the external power source, the power module is turned off and stops supplying power. When the system recovers from output overvoltage, the power module can automatically resume power supply.
Output overcurrent protection	In this protection state, the output current is limited to a certain value. When the system recovers from output overcurrent, the power module can automatically resume power supply.
Output short-circuit	In this protection state, the power module supplies power intermittently, and the output current is limited within a range. When

protection	the system recovers from output short-circuit, the power module can automatically resume 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.

Get More Information

Do you have any question about the PDC2K2S54-DF (02312YCQ)?

Contact us now via info@hi-network.com.

Specification

PDC2K2S54-DF Specification	
Basic Information	
Model	PDC2K2S54-DF
Part Number	02312YCQ
Description	2200 W DC Power Module (Front to Back, Power panel side intake)
Level-1 category	DC power module
Technical Specifications	
Dimensions without packaging (H x W x D) [mm(in.)]	39.6 mm x 66 mm x 350 mm (1.56 in. x 2.60 in. x 13.78 in.)
Weight without packaging [kg(lb)]	1.5 (3.31)
Number of inputs	1 or 2
Rated input voltage [V]	-48 V DC/-60 V DC/48 V DC
Input voltage range [V]	- 38.4 V DC to -72 V DC - 38.4 V DC to 57.6 V DC
Maximum input current [A]	63 A
Rated output voltage [V]	53.5 V or 55 V
Rated output current [A]	41.1 A
Rated output power [W]	2200 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

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