

ETP48100-B1

The ETP48100-B1 applies to configuring in an IMB03 AC cabinet.

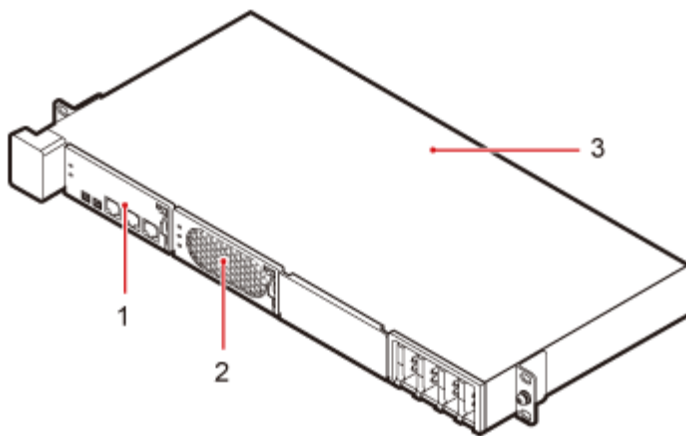
Function

The ETP48100-B1 converts AC power into DC power and distributes power. The height of an ETP48100-B1 is 1 U.

Appearance

[Figure 1](#) shows the ETP48100-B1 components.

Figure 1 Appearance of the ETP48100-B1

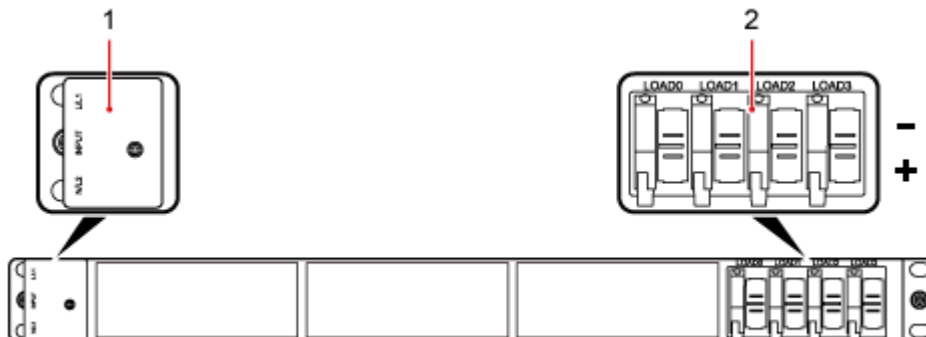


1 PMU	2 Power supply unit (PSU)	3 ETP48100-B1 subrack
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Ports

[Figure 2](#) shows the ETP48100-B1 ports.

Figure 2 ETP48100-B1 ports



[Table 1](#) lists ports on the ETP48100-B1.

Port	Silkscreen	Connector Type	Description
(1) AC input terminal	INPUT	OT terminal	The terminals are used for the connection of input power cables.
(2) DC output terminal	OUTPUT	EPC5 connector	LOAD 0 and LOAD 1 are used to supply power to the DCDC-12B using the power cable delivered with the DCDC-12B. LOAD 2 and LOAD 3 are reserved for capacity expansion.

Technical Specifications

[Table 2](#) lists technical specifications of the ETP48100-B1.

Item	Specifications
Input voltage	Input voltage range of 220 V AC single-phase power: 176 V AC to 290 V AC
Input voltage frequency	45 Hz to 65 Hz
Output voltage	Voltage range: -42 V DC to -58 V DC
Output current	30 A
Rated power	3000 W × 2
Surge protection capability	2 kV in differential mode 4 kV in common mode
IP rating	IP20

Parent topic: [AC/DC Converters](#)

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