

# PSC48150/25 DC-DC Power System

DC Power System for  
Business-Critical Continuity

+24Vdc/-48Vdc, 7.2kW

■ PSC48150/25 DC-DC power system converts +24Vdc to -48Vdc for the telecom switches and base stations. The system adopts advanced high-frequency switch technology with excellent reliability and performance.

## Applications

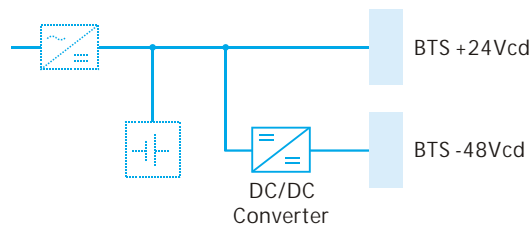
■ Applicable to 24Vdc power systems in base stations, medium and small switches, satellite communications, data communications and electric power industry

## Features

- Wide DC input voltage range: 21V to 29V
- Hot-swappable DC-DC converter. Plug and play with on-line replacement of less than 1 min
- Extremely low radiation, meeting standard of EN300386 CLASS B
- Dry-contact output for alarm port, simple and universally-applicable
- Complete lightning proof in input and output rated at 5KA(8/20us)
- Complete fault protection functions

System Composition		
Model	DC/DCModule	Distribution Cabinet
PSC48150/25	C24/48-1200 2 ~ 6pcs	Distribution Cabinet 1pc

DC-DC Converter Module	
Input Features	
Input voltage	21 ~ 29Vdc
Max. input current	< 70A
Output Features	
Output DC voltage	-52 ~ -56Vdc
Output current	0 ~ 25A
Max. output power	1200W
Rating power	> 89%
Alarm Functions	
Over/Under voltage in input/output	
Three independent dry-contact ports or DB9 port(for Huawei application only)	



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## Input Distribution

Parameters	Indices
Nominal Input Voltage	+24Vdc
Input voltage	21 ~ 29Vdc
Input MCCB	160A

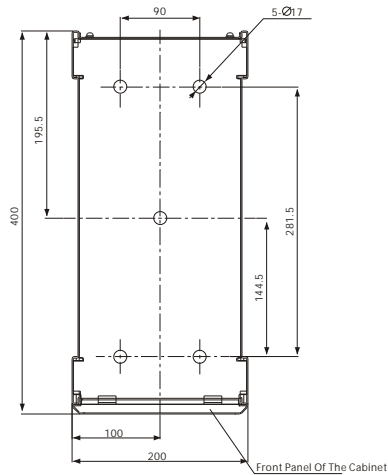
## Output Distribution

Parameters	Indices
Output voltage range	-52 ~ -56Vdc
Max. output power	7200W
Output routes	MCB: 100A × 1, 80A × 1, 32A × 2

## Mechanical Parameters

Components	Dimensions(H × W × Dmm)	Weight
DC-DC converter	132.5 × 85.5 × 287	2.5kg
Cabinet	1460 × 200 × 400	45kg

## Installation Dimensions



Cabinet Base Installation Dimensions



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