

48vdc 150A 3U Rack Rectifier System

Product Model : SP-SPE48150-3U

Product Information :

AC input voltage range: 90VAC-285VAC DC input voltage range: 100DC-400VDC Maximum input current: 40A
Input frequency range: 45Hz-66Hz Power Factor: ≥ 0.99 effectiveness: $\geq 92\%$ Rated output voltage: 48VDC
Rated output voltage range: 43VDC-58VDC Output rated current: 0A-150A

Information

- 1.Small size, height 3U, 4 *30A rectifier module
- 2.Configurable module: 10A, 15A, 20A, 30A for option
- 3.The standard 19-inch installation
- 4.Improve monitoring and management and battery management
- 5.The product of 48vdc 150A 3U SMPS Rectifier system can provide RS485 communication interface
- 6.8 channel load output or 6 channel load output, 2 channel battery input
- 7.Battery anti-reverse function
- 8.Under electrical function
- 9.The product of 48vdc 150A 3U SMPS Rectifier system can support hot-swappable
- 10.The energy-saving sleep function
- 11.The independent design of lightning protection unit (optional)
- 12.The power supply of 48vdc 150A 3U SMPS Rectifier system can be installed in any 19-inch rack independently
- 13.6- channel dry contact output

Application

- Small scale program controlled exchanges
- Access network
- Transmission equipment
- Mobile communication
- Satellite communication ground station
- Microwave communication



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Customize Range

A Whole Rectifier System is composed of following item			
No.	QTY	Item name	Noted
1	1pc	Rack Mount	1U/2U/3U**11U or cabinet option
2	1pc	Monitor Module	With LCD or without LCD Display option
3	*pc	Rectifier Module	10A/20A/30A/50A option *mean different QTY. for Example 2/3/4/5/6...pc.
4	1pc	DC Distribution	Stand alone DC Distribution or build in the system option

Customized Range

Model	Rectifier module	Monitor module	Load channel	Battery channel	Rack
SP-SPE4820	2×10A	1	1 channel	1 channel	1U
SP- SPE4830	2×15A	1	1 channel	1 channel	1U
SP-SPE4840	2×20A	1	1 channel	1 channel	1U
SP-SPE4860	2×30A	1	1 channel	1 channel	1U
SP-SPE4860	2×30A	1	4 channel	1 channel	2U
SP-SPE4890	3×30A	1	4 channel	1 channel	2U
SP-SPE48120	4×30A	1	5 channel	1-2 channel	3U
SP-SPE48150	5×30A	1	5 channel	1-2 channel	3U
SP-SPE48200	4×50A	1	10 channel	1-2 channel	6U

Specification

AC input voltage range	90VAC-285VAC
DC input voltage range	100DC-400VDC
Maximum input current	40A
Input frequency range	45Hz-66Hz
Power Factor effectiveness	≥0.99 ≥92%
Rated output voltage	48VDC
Rated output voltage range	43VDC-58VDC
Output rated current	0A-150A
Regulation accuracy	≤±0.6
Peak to peak	≤200mV
Equal current	≤5%
Dimensions	482.6mm*13.2*300mm

