

48vdc 90A 2U Rack rectifier system

Product Model : SP-SPE4890-2U

Product Information :

- AC input voltage range: 90VAC-285VAC
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- AC input voltage range: 90VAC-285VA
- DC input voltage range: 100DC-400VDC
- Maximum input current: 20A
- 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-90A

Application

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

Information

1. Small size, height 2U, 3 *30A rectifier module
2. Configurable module: 10A, 15A, 20A, 30A for option
3. The standard 19-inch installation
4. Provide RS485 communication interface
5. 4 channel load output, 1 channel battery input
6. Battery anti-reverse function
7. Under electrical function
8. The energy-saving sleep function
9. 6- channel dry contact output
10. The product of 48vdc 90A 2U power rectifier system can improve monitoring and management and battery management
11. The product of 48vdc 90A 2U power rectifier system can support hot-swappable
12. The independent design of lightning protection unit (optional)
13. The power supply of 48vdc 90A 2U power rectifier system can be installed in any 19-inch rack independently



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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	20A
Input frequency range	45Hz-66Hz
Power Factor effectiveness	≥0.99
Rated output voltage	≥92%
Rated output voltage range	48VDC
Output rated current	43VDC-58VDC
Regulation accuracy	0A-90A
Peak to peak	≤±0.6
Equal current	≤200mV
Dimensions	≤5%
	482.6mm*88*280mm