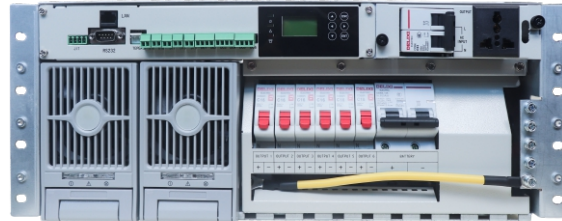


## DC Power Supply(48v)



AP4U-48100

The AP4U-48100 embedded DC power supply system realizes the conversion of AC input to a stable 48VDC output with a maximum output current of 100A. Each functional unit adopts standardized size design, supports hot swapping, system height is 4U, supports standard 19 inch rack and other installation methods. The system can adapt to a wide range of AC input and has functions such as intelligent battery management and remote monitoring.

- Access Network
- Transport network
- Enterprise Communication Network

Mode	AP4850	AP4850 Plus
Input		
Input Voltage	85Vac ~ 290Vac	85Vac ~ 290Vac
Power Factor	0.99	0.99
Efficiency	92%	96.3% peak
Max. Input Current	16A	21A
Output Voltage	-42Vdc ~ -58Vdc	-42Vdc ~ -58Vdc
Max.Output Current	60A	66.7A
Operation Temperature	-5 ~ +40°C	-5 ~ +40°C



AP4850/AP4850 Plus

AP4U-48100		
System	Cooling method	Fans
	Installation method	19-inch rack or embedded cabinet mount
	Incoming way	Front
	Protection degree	IP20
	Maintenance path	Front
AC Distribution	Input	220 Vac single phase
	Inputout voltage	rating voltage : 220 Vac 85-290Vac
	Frequency	45-65 Hz , Rating Frequency : 50/60 Hz
	Input breaker	1 ×63A/2P
DC Distribution	Output voltage	42-58 Vdc , rating voltage : 53.5 Vdc
	Maximum capacity	6 kW
	Battery breaker	1×100 A/2P
	Output	6×16A/1P
Rectifier Module	Model	AP4850/AP4850 Plus
	Rated power	176-290 Vac
	Dimension (W x D x H)	85.3 mm × 287 mm × 132.3 mm
	Efficiency	> 96%
Monitoring Module	Model	2433
	Communication port	RS232, RS485
Environment	Operating temperature	-5 °C ~ 40 °C
	Storage temperature	-40 °C ~ +70 °C
	Humidity	≤ 90% RH
	Altitude	≤2000M

Note: Product specifications are subject to change without further notice.

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