

Product Range

The product range consists of Rectifiers, Systems & DC PDUs



DC System Series

Enterprise power solution:

EPS2/EPS5 series: O/P up to 4.5KW, constant power

Access power solution:

APS3/6/12 series: O/P up to 17.2KW, constant power

DV2-A10B: O/P up to 20KW, constant power



Enterprise
48Vdc
Up to 4.5KW
EPR48-3G

Access
48/24Vdc
Up to 20KW
APR48-ES
APR48-3G
APR24-3G

Metro power solution:

DV2-A** series: O/P up to 80KW, constant power

Core power solution:

DV2-C** series: O/P up to 750KW, constant power



Metro
48Vdc
Up to 80KW
APR48-ES
APR48-3G

Core
48Vdc
Up to 750KW
APR48-ES
APR48-3G

3G Rectifier Series

❑ Enterprise:

EPR48-3G 900W, 48V, 18.75A, constant power

❑ Access:

APR48-3G 1800W, 48V, 37.5A, constant power

APR24-3G 1440W, 24V, 50A, constant current

❑ ODM model for China market:

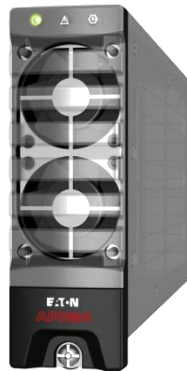
NPR48-3G 2900W 48V, 50A, constant current

❑ Core:

CR48-3G 5800W, 48V, 120A, constant power



EPR48-3G



APR48-3G



APR24-3G



NPR48-3G



CR48-3G

APR48-3G Platform

- **Overview**

1800W telecom grade AC/DC rectifier with 48Vdc output.



APR48-3G

- **Key Specifications**

- Rated output power: 1800W (CP)
- Efficiency: >91.5% (50 to 100% load, 230Vac)
- Power density: 24W/inch³
- Input voltage range: 90 to 300V (185V to 275V full power)
- Output voltage range: 43.2Vdc to 58Vdc (Nominal 54.5Vdc)
- Cooling: 2*Fan cooled
- Operating temp. range: -25 to 70 ° C (Derating above 50 ° C)
- Humidity range: < 95% RH
- Dimension (HxWxD) : 130 x 42 x 265mm
- Certifications: UL, FCC, CSA, IC, CE, C-tick, Telepermit

- **Market/ Compliance**

- Global market

High Efficiency Series

□ APR48-ES:

Power rating: 2000W 48V, 41.6A constant power

Peak efficiency: 96.4%



APR48-ES

□ NPR48-ES:

Power rating: 3000W 48V, 60A, constant power

Peak efficiency: higher than 96%



NPR48-ES

APR48-ES platform

- **Overview**

High efficiency 2000W telecom grade AC/DC rectifier with 48Vdc output.

- **Key Specifications**

- Rated output power: 2000W
- Efficiency: >96% (50 to 100% load, 230Vac)
- Power density: 24W/inch³
- Input voltage range: 90 to 300V (185V to 275V full power)
- Output voltage range: 43Vdc to 57.5Vdc (Nominal 54.5Vdc)
- Cooling: 1*Fan cooled
- Operating temp. range: -40 to 70° C (Derating above 50° C)
- Humidity range: < 95% RH
- Dimension (HxWxD) : 130 x 42 x 265mm
- Certifications: FCC, cUL-US, CSA, IC, CE, C-tick



- **Market/ Compliance**

- Global market

APR48-ES