Power For The New Technology

APR-6000-12-R-YE

Total Power	6000 Watts
Input Voltages	90-264 VAC
Outputs	12V @ 500A

SPECIAL FEATURES

- Third Wire current sharing capability
- 16W/ cu in. fits 1U applications
- Power Factor correction > 0.97
- Full range AC
- UL, CSA, TUV, BABT (pending)

ENVIRONMENTAL

Ambient Operating Temperature: 0 to +50°C.

Humidity: Up to 95% non-condensing

Temperature coefficient: ±0.01% / °C

Storage Temperature: -20° to +85°C

Cooling: Power supplies provide their own cooling.

ELECTRICAL SPECIFICATIONS

Input

Input……..90 - 264 VAC; 47-63Hz;
Power Factor >0.97

Inrush Current (264 Vac)…….50 Amps peak @ 25°C

Isolation……..4242VDC (Input to Output)

Susceptibility specifications:
EN 61000-3-2 AC Input line harmonic limits
Complies with EN55022 & FCC Class A with minimum 6 dB margin

Efficiency…… 87% typical at 220Vac and full load

Output

DC Output…….Maximum continuous output power 1200 Watts per slot with internal cooling. See Voltage/Current Rating Chart.

Load Regulation…….. 1% (total)
Ripple and Noise < 200mV typical

Transient Response…… 4% Maximum deviation;
Current Sharing; Third Wire.

MECHANICAL

16.8”L x 1.75”H x 17.5”W (426.7mm x 44.5mm x 444.5mm)

Status signals and indicators

DC Good
AC Good

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Output
Over voltage protection – (Latching)
Over current protection – (Latching)

Over temperature protection. (non-Latching)

Short Circuit Protection…..Will withstand a continuous short without damage.

Minimum Load Rqmt……0% of full load main output.

No Load Operation…….No damage to supply when operating at no load.

Hold-Up Time……16 mSec typical

OVP……14V typical

Voltage/Current Rating Chart

Voltage	12V	12V
Current	100A	0A

25 PIN D-SUB Connector PIN Outs

Function	Pin
DC_OK 1	1
DC_OK 2	2
AC_OK 2	3
DC_OK 3	4
AC_OK 3	5
DC_OK 4	6
AC_OK 4	7
DC_OK 5	8
5V AUX.	9
- Sense	10
AC_OK 5	11
ENABLE	13
AC_OK 1	14
N.U.	12,15 - 25

Rear View

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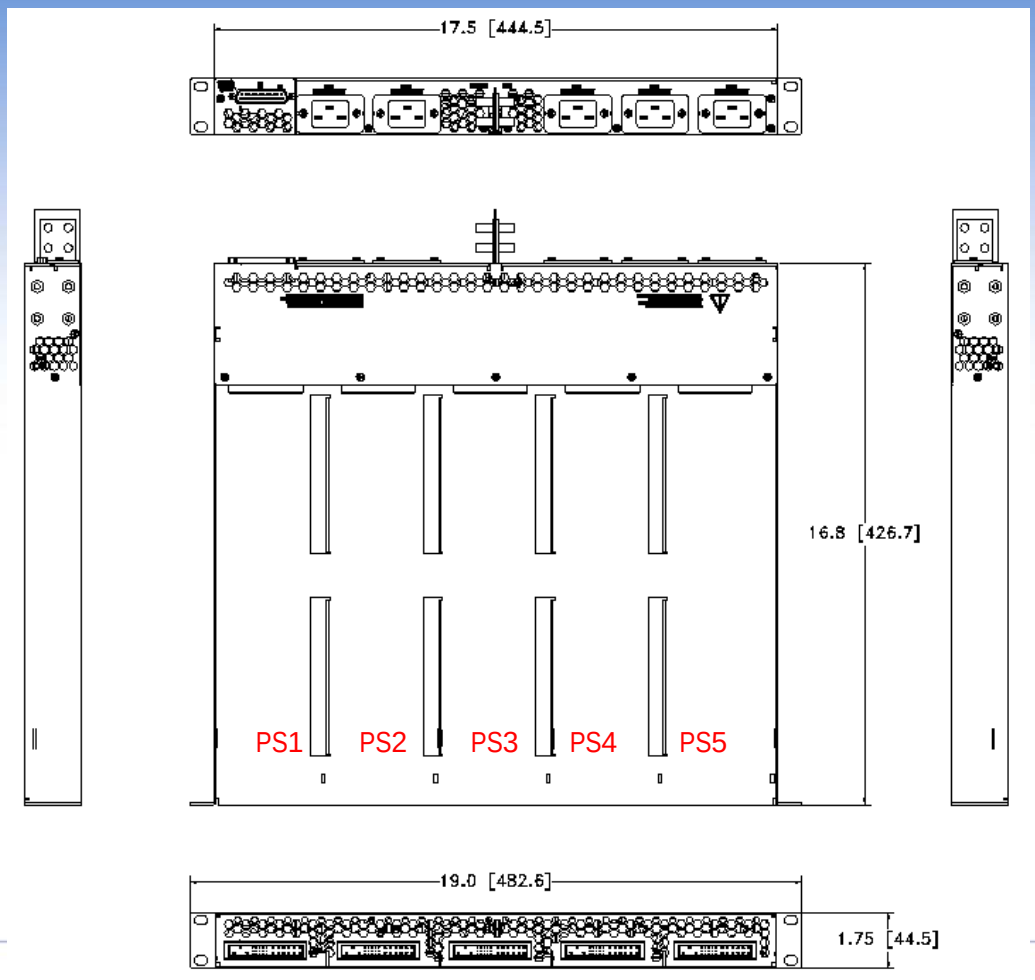
Mechanical Outline



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