

## FEATURES

### Input voltage

85÷276Vac

### Input frequency

50/60Hz

### Efficiency

75% typ.

### Switching operating frequency

60KHz typ.

### Power factor

>=0.9

### Input protections

- Mains filter
- Start-up peak current limitation
- Fuses: external

### Leakage current to GND

<1mA

### See table for

- Output voltages and currents
- Outputs protections
- Output Tolerance(Line+Load+Therm. regulation)

- Output Ripple

### Output protections

- Over load protection on all outputs
- Over voltage on outputs: A,B,C,D,E,F
- Under voltage on outputs: A,B
- Thermal shut-down (85°C typ.)

### Hold up time

20msec typ.

### Output power

272W

### Output signals

- INIT low active TTL compatible
- THERM. FAIL low active TTL compatible
- (all signals are referred to GNDdgt)

### Operating temperature

5°C to 40°C

### Storage temperature

-10°C to 50°C

### Temperature drift

0.01%/°C

### Cooling

Controlled forced vent. (by VFAN)

### Dielectric withstand voltage

- Input - Output :1750Vac
- Input -P.E.: 1750Vac

### Isolation

- Output - P.E.:500Vdc

### Comply with

- EN 61010 and CSA 1010
- UL 1262 / UL 3101
- EN 55011 (CEI 110-6)ClasseB(1991)
- EN 50082-1 (1997)
- EN 61000-3-2
- EN 61000-3-3

### Power-off input signals

Low active TTL comp., disables outputs VE,VF

### Vprog controls VFAN

Vprog 0÷9V (VFAN 6÷15V)

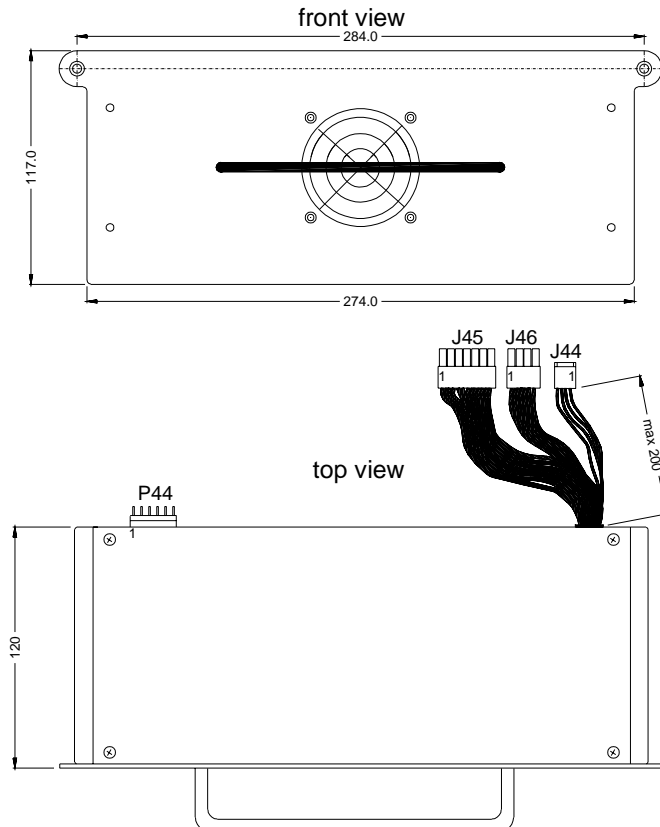
## POWER SUPPLY VIEW



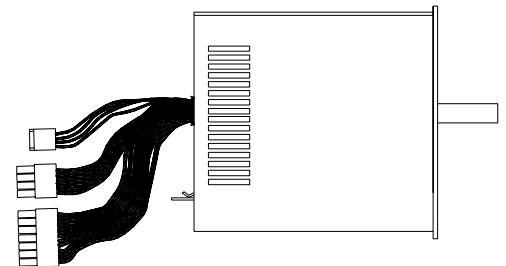
## FEATURES TABLE

COMMON	OUT	Vout setting value V	Iout min A	Iout A	OVP V	UVP V	Tolerance %	Ripple & Noise (0÷20MHz) mVpp
GNDdgt	+5Vdgt	5	0	7.5	>=6.2	<=4	±2	<50
GNDdgt	+12Vdgt	12	0	2.5	>=15	<=11	±5	<100
GNDan	+15Van	15	0	1.5	>=18	-	±1	<20
GNDan	-15Van	-15	0	1.5	>=18	-	±1	<20
GNDpwr	+24Vpwr	24	0.1	4	>=27	-	±5	<240
GNDpwr	+16Vpwr	16	0.1	3	>=19	-	±5	<160
GNDdgt	VFAN	6÷15	0	1	-	-	±5	<150

## DIMENSIONS AND CONNECTIONS



## side view



J45	J46
1)GNDan	1)+24Vpwr
2)GNDan	2)GNDpwr
3)+12Vdgt	3)GNDpwr
4)+5Vdgt	4)+16Vpwr
5)GNDdgt	5)+24Vpwr
6)GNDdgt	6)GNDpwr
7)GNDdgt	7)GNDpwr
8)-15Van	8)+16pwr
9)+15Van	
10)+5Vdgt	
11)+5Vdgt	
12)GNDdgt	
13)GNDdgt	
14)VFAN	

J44	P44
1)INIT/	1)ACinputL
2)PWR OFF/	2)N.C.
3)VPROG	3)ACinputN
4)THERMFAIL	4)N.C.
	5)N.C.
	6)P.E.