150 WATTS

SINGLE/MULTI OUTPUT AC-DC

FEATURES:

•

- Compact 4.0" x 7.0" x 1.75" Size IEC 62368-1 2nd ed. Certification
- 2 Year Warranty
- Universal 85-264V Input •
- 1-4 Tightly-Regulated Outputs
- High Efficiency
- 0-70°C Operating Temperature •
- RoHS Compliant
- IEC 60601-1-2 4th ed. EMC



CHASSIS/COVER

OPEN CHASSIS

	<u>UNA3313/UU</u>		OFEN CHAS			
	SAF	ETY SPECIF				
			. 62368-1:2014, 2			
Und Und	Underwriters Laboratories			CAN/CSA-C22.2 No. 62368-1-14, 2nd Editio		
CRUUS File E137708/E140259			AAMI/ANSI ES60601-1:2005/(R) 2012			
		CA	N/CSA-C22.2 No	. 60601-1:2014		
TECEE CB	Reports/Certificat	es (including all IE	C 62368-1:2014, 2	2nd Edition		
	ional and Group D	Deviations) IE	C 60601-1:2005/A	1:2012		
TUY TU	V SUD America		62368-1:2014, 2			
SUD		EN	1 60601-1:2006/A	1:2013		
C C Lov	v Voltage Directive	e (2)	(2014/35/EU of February 2014)			
Rol	HS Directive (Rec	ast) (20	(2015/863/EU of March 2015)			
Ele	ctrical Equipment	(Safety) Regulation	s 2016 SI No. 110)1		
	• •	of Certain Hazardo				
	2 SI No. 3032 + 2					
		MODEL LIS	TING			
MODEL NO.	OUTPUT 1	OUTPUT 2	OUTPUT 3	OUTPUT 4		
CE-150-4001	+3.3V/15A	+5V/5A	+12V/2A	-12V/2A		
CE-150-4002	+5V/15A	+3.3V/5A	+12V/2A	-12V/2A		
CE-150-4003	+5V/15A	+3.3V/5A	+15V/2A	-15V/2A		
CE-150-4004	+5V/15A	-5.2V/5A	+12V/2A	-12V/2A		
	. =\//1 = A	-5.2V/5A	+15V/2A	-15V/2A		
-150-4005	+5V/15A	0.2 0/0/1	. 101/2/1			
	+5V/15A +5V/15A	+12V/5A	+12V/2A	-12V/2A		
CE-150-4006				-12V/2A -15V/2A		
CE-150-4005 CE-150-4006 CE-150-4007 CE-150-4008	+5V/15A	+12V/5A	+12V/2A			
CE-150-4006 CE-150-4007 CE-150-4008	+5V/15A +5V/15A	+12V/5A +12V/5A	+12V/2A +15V/2A	-15V/2A		
CE-150-4006 CE-150-4007 CE-150-4008 CE-150-4009	+5V/15A +5V/15A +15V/5A +5V/15A	+12V/5A +12V/5A -15V/5A +12V/5A	+12V/2A +15V/2A 24V/1A +15V/2A	-15V/2A 24V/1A -12V/2A		
CE-150-4006 CE-150-4007 CE-150-4008 CE-150-4009 CE-150-4011	+5V/15A +5V/15A +15V/5A +5V/15A +5V/15A	+12V/5A +12V/5A -15V/5A +12V/5A +12V/5A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A	-15V/2A 24V/1A -12V/2A -12V/1A		
CE-150-4006 CE-150-4007 CE-150-4008 CE-150-4009 CE-150-4011 CE-150-4101	+5V/15A +5V/15A +15V/5A +5V/15A +5V/15A +5V/15A	+12V/5A +12V/5A -15V/5A +12V/5A +12V/5A +24V/5A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/1A -12V/2A		
CE-150-4006 CE-150-4007 CE-150-4008 CE-150-4009 CE-150-4011 CE-150-4101 CE-150-4102	+5V/15A +5V/15A +15V/5A +5V/15A +5V/15A +5V/15A +5V/15A	+12V/5A +12V/5A -15V/5A +12V/5A +12V/5A +24V/5A +24V/5A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -15V/2A		
CE-150-4006 CE-150-4007 CE-150-4008 CE-150-4009 CE-150-4011 CE-150-4101 CE-150-4102 CE-150-4103IT	+5V/15A +5V/15A +15V/5A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A	+12V/5A +12V/5A -15V/5A +12V/5A +12V/5A +24V/5A +24V/5A +24V/5A(6ApK)	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A		
CE-150-4006 CE-150-4007 CE-150-4008 CE-150-4009 CE-150-4011 CE-150-4101 CE-150-4102 CE-150-4103IT CE-150-3001	+5V/15A +5V/15A +15V/5A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A	+12V/5A +12V/5A -15V/5A +12V/5A +2V/5A +24V/5A +24V/5A +24V/5A +24V/5A +24V/5A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A -12V/2A		
CE-150-4006 CE-150-4007 CE-150-4008 DE-150-4009 CE-150-4011 CE-150-4101 CE-150-4102 CE-150-4103IT CE-150-3001 CE-150-3002	+5V/15A +5V/15A +15V/5A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A	+12V/5A +12V/5A -15V/5A +12V/5A +12V/5A +24V/5A +24V/5A +24V/5A(6ApK) +12V/5A +15V/5A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +12V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A		
CE-150-4006 CE-150-4007 CE-150-4008 CE-150-4011 CE-150-4101 CE-150-4102 CE-150-4103IT CE-150-3001 CE-150-3002 CE-150-3003	+5V/15A +5V/15A +15V/5A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A	+12V/5A +12V/5A -15V/5A +12V/5A +12V/5A +2V/5A +24V/5A +24V/5A +24V/5A +12V/5A +15V/5A -15V/5A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +5V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A -12V/2A		
CE-150-4006 CE-150-4007 CE-150-4008 CE-150-4019 CE-150-4101 CE-150-4102 CE-150-4103IT CE-150-3001 CE-150-3002 CE-150-3003 CE-150-3004	+5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A	+12V/5A +12V/5A +12V/5A +12V/5A +2V/5A +24V/5A +24V/5A +24V/5A +12V/5A +15V/5A -15V/5A +15V/5A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +12V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A -12V/2A		
XE-150-4006 XE-150-4007 XE-150-4008 XE-150-4011 XE-150-4011 XE-150-4101 XE-150-4102 YE-150-3001 XE-150-3002 XE-150-3003 XE-150-3004 XE-150-2001	+5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +15V/15A +15V/15A +15V/15A +12V/7.5A	+12V/5A +12V/5A -15V/5A +12V/5A +22V/5A +24V/5A +24V/5A +24V/5A +24V/5A +12V/5A +15V/5A -15V/5A -12V/5A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +5V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A -12V/2A		
CE-150-4006 CE-150-4007 CE-150-4009 CE-150-4009 CE-150-4011 CE-150-4101 CE-150-4102 CE-150-3001 CE-150-3002 CE-150-3003 CE-150-3004 CE-150-2001 CE-150-2002	+5V/15A +5V/15A +15V/5A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +15V/5A +12V/7.5A +15V/5A	+12V/5A +12V/5A -15V/5A +12V/5A +22V/5A +24V/5A +24V/5A +24V/5A +12V/5A +15V/5A -15V/5A -12V/5A -15V/5A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +5V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A -12V/2A		
E-150-4006 E-150-4007 E-150-4009 E-150-4009 E-150-4011 E-150-4101 E-150-4102 E-150-3001 E-150-3002 E-150-3003 E-150-3004 E-150-2001 E-150-2002 E-150-2003	+5V/15A +5V/15A +15V/5A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +15V/5A +15V/5A +15V/5A +15V/5A +15V/5A	+12V/5A +12V/5A -15V/5A +12V/5A +24V/5A +24V/5A +24V/5A +24V/5A +15V/5A +15V/5A +15V/5A -15V/5A +15V/5A +15V/5A +15V/5A +12V/5A +12V/6A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +5V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A -12V/2A		
XE-150-4006 XE-150-4007 XE-150-4009 XE-150-4011 XE-150-4101 XE-150-4102 XE-150-4103IT XE-150-3001 XE-150-3002 XE-150-3004 XE-150-2001 XE-150-2002 XE-150-2003 XE-150-2003 XE-150-2003	+5V/15A +5V/15A +15V/5A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +15V/5A +12V/7.5A +15V/5A +15V/5A +5V/15A	+12V/5A +12V/5A -15V/5A +12V/5A +22V/5A +24V/5A +24V/5A +24V/5A +12V/5A +15V/5A -15V/5A -12V/5A -15V/5A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +5V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A -12V/2A		
E-150-4006 E-150-4007 E-150-4009 E-150-4009 E-150-4011 E-150-4101 E-150-4102 E-150-4103 E-150-3002 E-150-3003 E-150-3004 E-150-2001 E-150-2001 E-150-2003 E-150-2003 E-150-2101 E-150-1001	+5V/15A +5V/15A +15V/5A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +15V/5A +15V/5A +15V/5A +15V/5A +5V/15A 3.3V/30A(18)	+12V/5A +12V/5A -15V/5A +12V/5A +24V/5A +24V/5A +24V/5A +24V/5A +15V/5A +15V/5A +15V/5A -15V/5A +15V/5A +15V/5A +15V/5A +12V/5A +12V/6A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +5V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A -12V/2A		
E-150-4006 E-150-4007 E-150-4008 E-150-4011 E-150-4011 E-150-4101 E-150-4102 E-150-4103 E-150-3002 E-150-3003 E-150-3004 E-150-2001 E-150-2003 E-150-2003 E-150-2003 E-150-2101 E-150-1001 E-150-1002	+5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +15V/5A +15V/5A +15V/5A +5V/15A 3.3V/30A(18)	+12V/5A +12V/5A -15V/5A +12V/5A +24V/5A +24V/5A +24V/5A +24V/5A +15V/5A +15V/5A +15V/5A -15V/5A +15V/5A +15V/5A +15V/5A +12V/5A +12V/6A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +5V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A -12V/2A		
CE-150-4006 CE-150-4007 CE-150-4009 CE-150-4011 CE-150-4101 CE-150-4102 CE-150-4103 CE-150-3001 CE-150-3002 CE-150-3003 CE-150-2001 CE-150-2003 CE-150-2003 CE-150-2101 CE-150-1002 CE-150-1002 CE-150-1003	+5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +15V/5A +15V/5A +15V/5A +15V/5A +15V/5A +15V/15A 3.3V/30A(18) 5V/130A(18) 12V/12.5A	+12V/5A +12V/5A -15V/5A +12V/5A +24V/5A +24V/5A +24V/5A +24V/5A +15V/5A +15V/5A +15V/5A -15V/5A +15V/5A +15V/5A +15V/5A +12V/5A +12V/6A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +5V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A -12V/2A		
CE-150-4006 CE-150-4007 CE-150-4009 CE-150-4010 CE-150-4101 CE-150-4101 CE-150-4102 CE-150-4103 CE-150-3001 CE-150-3003 CE-150-3004 CE-150-2001 CE-150-2003 CE-150-2001 CE-150-1001 CE-150-1002 CE-150-1003 CE-150-1004	+5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +15V/5A +15V/5A +15V/5A +5V/15A +5V/15A 3.3V/30A(18) 5V/30A(18) 12V/12.5A 15V/10A	+12V/5A +12V/5A -15V/5A +12V/5A +24V/5A +24V/5A +24V/5A +24V/5A +15V/5A +15V/5A +15V/5A -15V/5A +15V/5A +15V/5A +15V/5A +12V/5A +12V/6A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +5V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A		
CE-150-4006 CE-150-4007 CE-150-4009 CE-150-4010 CE-150-4101 CE-150-4101 CE-150-4102 CE-150-4103 CE-150-3001 CE-150-3003 CE-150-3004 CE-150-2001 CE-150-2001 CE-150-2001 CE-150-2001 CE-150-2001 CE-150-1001 CE-150-1002 CE-150-1003 CE-150-1005	+5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +15V/5A +5V/15A +2V/15	+12V/5A +12V/5A -15V/5A +12V/5A +24V/5A +24V/5A +24V/5A +24V/5A +15V/5A +15V/5A +15V/5A -15V/5A +15V/5A +15V/5A +15V/5A +12V/5A +12V/6A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +5V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A		
XE-150-4006 XE-150-4007 XE-150-4008 XE-150-4009 XE-150-4011 XE-150-4101 XE-150-4102 XE-150-4103 XE-150-3001 XE-150-3002 XE-150-3004 XE-150-2001 XE-150-2002 XE-150-2003 XE-150-2003 XE-150-2003 XE-150-1001 XE-150-1002 XE-150-1003 XE-150-1003 XE-150-1003 XE-150-1003	+5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +5V/15A +15V/5A +15V/5A +15V/5A +5V/15A +5V/15A 3.3V/30A(18) 5V/30A(18) 12V/12.5A 15V/10A	+12V/5A +12V/5A -15V/5A +12V/5A +24V/5A +24V/5A +24V/5A +24V/5A +15V/5A +15V/5A +15V/5A -15V/5A +15V/5A +15V/5A +15V/5A +12V/5A +12V/6A	+12V/2A +15V/2A 24V/1A +15V/2A -5V/1A +12V/2A +15V/2A +5V/2A	-15V/2A 24V/1A -12V/2A -12V/1A -12V/2A -12V/2A -15V/2A -12V/2A		

Consult factory for alternate output configurations. Consult factory for positive, negative or floating outputs.

Please specify the following optional features when ordering: OVP - Overvoltage Protection

I/O - Isolated Outputs

RE - Remote Inhibit

CO - Cover

PF - Power Fail

TS - Terminal Strip

INTEGRATED

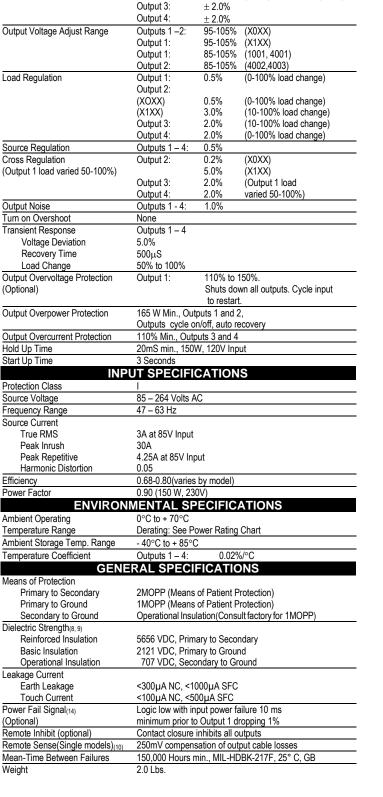
• IEC 60601-1 3rd ed. Medical Cert.

Total Output Power(1)

(See Derating Chart)

Output Voltage Centering

- Class B Emissions per EN55011/32
- Optional Remote Inhibit/Enable
 - **Optional Power Fail Warning**
 - Optional Perforated Cover



CE-150

OUTPUT SPECIFICATIONS

100W 125W

150W

Output 1:

Output 2:

Convection Cooled(16)

± 0.25%

+0.25%

300LFM Forced-Air Cooled(15)

Convection Cooled, w/1Sq. ft. Baseplate(17)

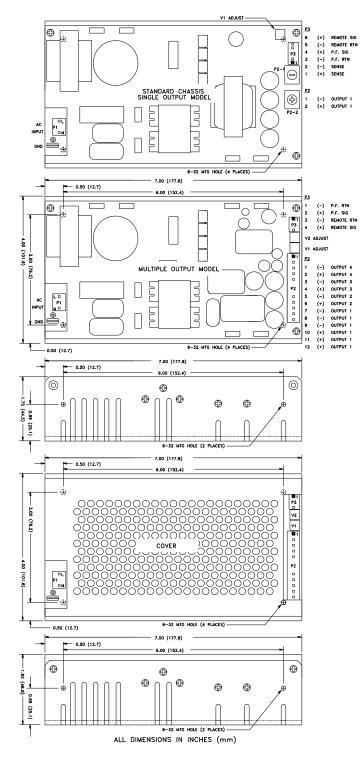
(All outputs at 50% load)

(X0XX), ±3.0% (X1XX)

All specifications are maximum at 25°C/150W unless otherwise stated, may vary by model and are subject to change without notice

POWER DESIGNS 300 Stewart Road
Wilkes-Barre, PA 18706
Phone: (570) 824-4666
Fax: (570) 824-4843
Email: sales@jpdpower.com
Web: www.ipdpower.com

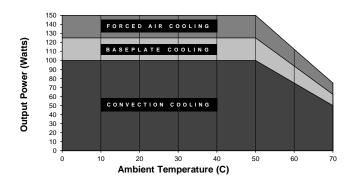
EMC SPECIFICATION	S (IEC 60601-1-:	2:2014, 4 ^{тн} ed./IEC 6100	0-6-2:2005)			
Electrostatic Discharge	EN 61000-4-2	±8KV contact / ±15KV air	discharge A			
Radiated Electromagnetic Field	EN 61000-4-3	80MHz-2.7GHz, 10V/m, 80	%AM A			
Electrical Fast Transients/Bursts	EN 61000-4-4	±2 KV, 5KHz/100KHz	A			
Surge Immunity	EN 61000-4-5	± 2 KV line to earth / ± 1 KV	/ line to line A			
Conducted Immunity	EN 61000-4-6	0.15 to 80MHz, 10V, 80%	AM A			
Magnetic Field Immunity	EN 61000-4-8	30A/m, 60 Hz.	A			
Voltage Dips	EN 61000-4-11	0% UT, 0.5 cycles, 0-315°	100/240V A/A			
		0% U _T , 1 cycles, 0°	100/240V A/A			
		40% U _T , 10/12 cycles, 0°	100/240V B/A			
		70% U _T , 25/30 cycles, 0°	100/240V B/A			
Voltage Interruptions	EN 61000-4-11	0% UT, 300 cycles, 0°	100/240V B/B			
Radiated Emissions	EN 55011/32	Class B				
Conducted Emissions	EN 55011/32	Class B				
Harmonic Current Emissions	EN 61000-3-2	Class A				
Voltage Fluctuations/Flicker	EN 61000-3-3	Compliant				
CE-150 SERIES MECHANICAL SPECIFICATIONS						



APPLICATIONS INFORMATION

- Each output can deliver its rated current but Total Output Power must not exceed 100, 1. 125 or 150W, as determined by the cooling method.
- 2. Generally, adequate cooling is provided when semiconductor case temperatures do not exceed 70°C rise and transformer temperature does not exceed 60°C rise at any specified ambient temperature.
- 3. Sufficient area must be provided around power supply to allow natural movement of air to develop in convection-cooled applications.
- 4. This product is intended for use as a professionally-installed component within information technology, industrial, and medical equipment and is not intended for stand-alone operation
- 5 A minimum load of 10% is required on Output 1 to ensure proper regulation of remaining outputs
- 6 This product includes only one fuse in the input circuit. In consideration of Clause 8.11.5 of IEC 60601-1:2005, a second fuse may be required in neutral conductor of the end product
- 7. Peak-to-Peak Output Ripple and Noise is measured directly at the output terminals of the power supply, without the use of the probe ground lead or retractable tip (tip-and-barrel method), 20 MHz bandwidth.
- 8. This product was type-tested and safety-certified using the dielectric strength test voltages listed in Table 6 of IEC 60601-1:2005. In consideration of Clause 8.8.3, care must be taken to insure that the voltage applied to a reinforced insulation does not overstress different types and levels of insulation. Primary and secondary-to-ground capacitors may need to be disconnected prior to performing a dielectric strength test on the power supply or the end product. It is highly recommended that the DC test voltages listed in DVB.1, Annex DVB of UL60601-1 1st Edition are not exceeded during a production-line dielectric strength test of the assembled end product. Please consult factory for further information.
- 9. This power supply has been safety-approved and final-tested using a DC dielectric strength test. Please consult factory before performing an AC dielectric strength test.
- 10. Remote-Sense terminals may be used to compensate for cable losses up to 250mV. The use of a twisted pair, decoupling capacitors and an appropriately-rated low-impedance capacitor connected across the load will increase noise immunity.
- 11 Maximum screw penetration into chassis mounting holes is 0.250 inches.
- 12. To comply with emissions specifications, all four mounting hole pads must be electrically connected to a common metal chassis. Chassis/Cover option is recommended. Refer to Operating Instructions for additional information.
- Common RF shielding precautions may need to be taken to assure emissions 13. compliance. Refer to Operating Instructions for additional information.
- 14. Power Fail (AC-Good) feature provides a logic-low warning signal from an open collector transistor output 10ms prior to loss of output from AC failure, 5V/10mA.
- 15. Forced-Air cooling rating of 150W requires an air speed of 300LFM flowing past a point one inch above the main isolation transformer.
- 16. Free-Air convection cooling, 100W maximum output power.
- Baseplate-cooled rating of 125W requires a one-square-foot 0.09"-thick aluminum area 17 attached to bottom four mounting holes.
- 18 Rated 20A maximum when convection cooled only

MAXIMUM OUTPUT POWER vs. AMBIENT TEMPERATURE



CONNECTOR SPECIFICATIONS					
P1	AC Input	0.156 friction lock header mates with Molex 09-50-3031 or equivalent crimp terminal housing with Molex 08-50-0189 or equivalent crimp terminal.			
P2	DC Output (Single)	6-32 screw down terminal mates with #6 ring tongue terminal. (10 in-lb max)			
P2	DC Output (Multiple)	0.156 friction lock header mates with Molex 09-50-3121 or equivalent crimp terminal housing with Molex 08-50-0189 or equivalent crimp terminal.			
G	Ground	0.187 quick disconnect terminal.			
P3	Option/Sense (Single)	0.100 friction lock header mates with Molex 22-01-2067or equivalent crimp terminal housing with Molex 6459 or equivalent crimp terminal.			
P3	Option/Sense (Multiple)	0.100 friction lock header mates with Molex 22-01-2047or equivalent crimp terminal housing with Molex 6459 or equivalent crimp terminal.			

