



5 outputs 162W power supply

Specifications:

OUTPUT SPECIFICATION	Condition / remark	Output 1	Output 2	Output 3	Output 4	Output 5
Output voltage	Overall	5V (+/- 2%)	-15V (0... +8%)	+15V (0... +8%)	+/-150Vdc (+/-4%)	+/-180Vdc (+/-4%)
Output voltage (initial setting)	Tolerance 1%	5Vdc	-15.7Vdc	+15.7Vdc	+/-150Vdc	+/-180Vdc
Voltage setting range					+/-150...180V	+/-150...180V
Overvoltage protection		6.5V	-18V +/-5%	+18V +/-5%	+/-210V +/-5%	+/-210V +/-5%
Output current		0...1.5A	0...2A	0...2A	0.2A	0.1A
Current limit	+ and – output same current load	2...3A	2.5A +/- 15%		0.25A +/- 10%	0.25A +/- 10%
Regulation line	At nominal load	0.5%	0.5%	0.5%	0.5%	0.5%
Regulation load	+ and – output current load within 10% equal	1.5%	1.5%	1.5%	3%	3%
Total output power	All outputs loaded	162W				
Ripple and noise (BW 20Mhz)	Nominal load High pass > 10kHz	10mVpp 2mVrms	2mVpp 500uVrms*	2mVpp 500uVrms*	2mVpp 500uVrms*	2mVpp 500uVrms*
Ripple and noise (BW 20Mhz)	Nominal load High pass > 80Hz	5mVrms	5mVrms	5mVrms	5mVrms	5mVrms
Output to frame	Test voltage 500Vdc	All outputs have common GND				
INPUT SPECIFICATION						
Input voltage	47-63Hz	90V...264Vac				
Efficiency	At 230Vac, nom. load	>75%				
Inrush current max.	Cold start 230V	45A				
Power Factor	Nominal load; 230Vac	> 0.93				
Fuse	Internally	t.b.s				
Holdup time	230Vac, Pnom	> 20ms				
Leakage current	At 240Vac, 50Hz	< 1.5 mA				
GENERAL SPECIFICATION						
Weight	Maximum	6 Kg				
Maximum dimensions	W x H x D in mm	430 x 95 x 260 (2HE)				
AC-input connection		1 x IEC320 inlet with fuse and mains switch				
Output connection		2 x SUBD-15pol female				
Colour / finishing		Blank with light grey frontplate (RAL7035)				
Cooling		Forced air (internal Fan with speed control)				
MTBF (MIL-HDBK-217F)	At 25 gr., GF	> 100000 hrs				
Lifetime	At 45 gr.	> 50000 hrs				
Protections		Overvoltage, Overtemperature, Overcurrent				
ENVIRONMENTAL SPECIFICATION						
EMC-standards	Acc. CE-mark	Emission: EN61000-6-3, EN55022B, EN61000-3-2, EN61000-3-3 Immunity: EN61000-6-2, EN61000-4-2, 3, 4, 5, 8, 8, 11, ENV50204				
Safety	Acc. CE-mark	Designed to meet EN60950, UL1950				
Temperature range operational		0...+50gr.C				
Temperature range storage		-20...+85gr.C				
Humidity	40 degr. C	95% max.; non condensing				
Input-Output isolation	At sea level	4220Vdc (for all outputs)				
Input-frame isolation test voltage	At sea level	2120Vdc				
Output-frame isolation test voltage	At sea level	500Vdc				

Connection diagram of X1 and X2 SUB-D connectors:

