



FEATURES

3U x 42TE x 310mm
INPUT : 10 - 20Vdc
OUTPUT : 24Vdc 600W
Efficiency : 77 % typ.
Air forced

APPLICATIONS

Test bench.

INPUT

Voltage range : 10 - 20Vdc
Nominal : 12 Vdc
Input protection : fuse
transient, surges and reverse polarity protected

OUTPUT

Output : 24Vdc 600W
12 x 24V 50W in parallel operation

	V1		Conditions
	Typ.	Max.	
Line regulation	2 %	5 %	Low line to high line ; full load
Load regulation	2 %	5 %	10 % to full load
Ripple and noise	2 %		Peak to peak - Bandwidth 20MHz according to o/p voltage
Current limit	150 % of I nominal		Vout = 95 % of nominal ; Automatic restart

SIGNALS

ON/OFF : Switch in rear panel. Inhibition of the output

Input OK : 4 leds in front panel

Output OK : 12 leds in front panel

ENVIRONMENTAL

Storage temperature : -40°C to +85°C

Operating temperature : 0°C to +40°C ambient, nominal power

ISOLATION

Input to Chassis : 1500 Vdc

Input to Output : 1500 Vdc

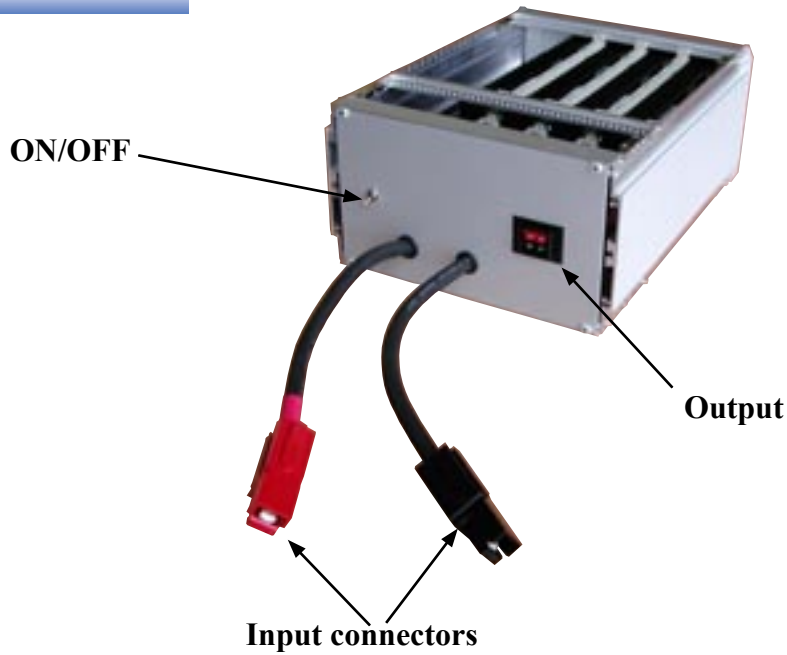
Output to Chassis : >100 Mohms at 500 Vdc

GENERAL

Safety : built to meet EN60950

EMI : built to meet EN55022A, conducted.

MECHANICALS



Input : Power connector ANDERSON PP120 serie

PIN	DESCRIPTION
Red	+Vin
Black	-Vin

Output : ANDERSON TH030 serie

PIN	DESCRIPTION
Red	+V1
Red	+V1
Black	-V1
Black	-V1

Note : PINS above must be connected in parrallel externaly to provid 24Vdc 600W