

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		
	Typ.	Max.	Conditions
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 ambiant, nominal power

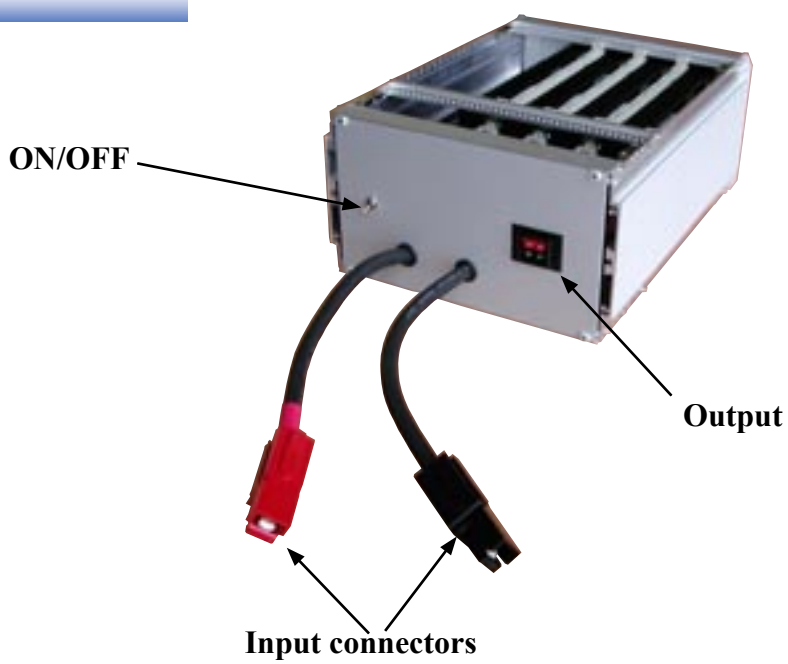
ISOLATION

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