FEATURES

Metal case 250 x 160 x 100 mm
INPUT : 85 - 140 Vac or 180 - 265Vac
OUTPUT : 300W
Controled by fully isolated RS232
2 fully isolated outputs groups
Programmable current fuses
Measure of voltage and current
Efficiency : 70 % typ.



APPLICATIONS

Automobile bench of test. Programmable laboratory PSU.

INPUT

Voltage range : 85 - 140 Vac or 180 - 265Vac

Nominal : 115 Vac or 230 Vac

Input protection : fuse 4A
transient and surges protected

OUTPUT

Dual fully isolated outputs with RS232 control for current and voltage

Output A : Programmable voltage from 6 to 29 Vdc
Programmable current fuse from 0,1 to 3A

Output B : 3 separate switchable outputs (programmable by RS232)
Programmable voltage from 6 to 29 Vdc
Programmable current fuse from 0,1 to 3A

	OUTPUT		Conditions
	Typ.	Max.	
Line regulation	0,02 %	0,2 %	Low line to high line ; full load
Load regulation	0,02 %	0,5 %	No load to full load
Ripple and noise	1 %	2 %	Peak to peak, nom. Input ; full load
Current limit (current fuse type)	Programmable by RS232 from 0,1 to 3A	3A	Output shut down RS232 command or pushbutton restart
Short circuit current		3A	RS232 command or pushbutton restart

MEASURING SECTION

Voltage : 2 ADC 16 bits, 30V full scale

Current : 2 ADC 16 bits, 3A full scale

SIGNALS

Overcurrent indication : Open collector output + led

ENVIRONMENTAL

Storage temperature : -20°C to +85°C

Operating temperature : -10°C to +50°C ambiant, nominal power

ISOLATION

Input to Chassis : 1500 Vrms or 2121 Vdc

Input to Output : 3000 Vrms or 4242 Vdc

Output to Chassis : >100 Mohms at 500 Vdc

GENERAL

Safety : built to meet EN60950

EMI : built to meet EN55022B, conducted.

MECHANICALS

FRONT PANEL OUTPUTS : 4mm terminals

	DESCRIPTION
+Vout A	1 red terminal
-Vout A	1 black terminal
+Vout B1	1 red terminal
+Vout B2	1 red terminal
+Vout B3	1 red terminal
-Vout B1, B2, B2	1 black terminal
Ground	1 yellow terminal



REAR PANEL INPUT CONNECTOR : CEE22 AC socket



Outputs, Sense Inputs and overcurrent open collector outputs in rear panel

REAR PANEL RS232 connector : SubD 9pts female

PIN	DESCRIPTION
1	NC
2	TxD
3	RxD
4	DTR
5	Ground
6	DTR
7, 8, 9	NC