



### FEATURES

Metal case 250 x 160 x 100 mm  
 INPUT : 85 - 265Vac  
 OUTPUT : 300W  
 Controlled 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 - 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 15 Vdc  
 Programmable current fuse from 0,1 to 10A

	OUTPUT			Conditions
	Typ.	MAX.		
		A	B	
<b>Line regulation</b>	0,02 %	0,2 %		Low line to high line ; full load
<b>Load regulation</b>	0,02 %	0,5 %		No load to full load
<b>Ripple and noise</b>	1 %	2 %		Peak to peak, nom. Input ; full load
<b>Current limit (current fuse type)</b>	Programmable by RS232 from 0,1 to 3A	3A	10A	Output shut down RS232 command or pushbutton restart
<b>Short circuit current</b>		3A	10A	RS232 command or pushbutton restart

**MEASURING SECTION**

**OUTPUT A**

Voltage : 2 ADC 16 bits, 30V full scale  
 Current : 2 ADC 16 bits, 3A full scale

**OUTPUT B**

2ADC 16 bits, 15V full scale  
 2ADC 16 bits, 10A full scale

**SIGNALS**

Overcurrent indication : Open collector output + led

**ENVIRONMENTAL**

Storage temperature : -20°C to +85°C  
 Operating temperature : -10°C to +50°C ambient, 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