

EAPR2x80WBA

2x 80W, high voltage supply, with internal and external battery option



Solution for

- Ion getter pumps

Product range

Product range	Power
EAPR2x80W	160Watt
EAPR2x80WB	160Watt
EAPR2x80WBA	160Watt

Specifications

Programmable High voltage power supply two channel output. CAN and RS485 interface

Technical data	Specification
INPUT	
Nominal input voltage	90Vac ... 264Vac, 50/60Hz
OUTPUT (2x)	
Output voltage (programmable)	+2000Vdc/40mA ... +6400Vdc/12,5mA
Output current	0mA ... 40mA (read back: 2nA resolution)
Current limit (programmable)	3 ... 40mA
Power limit (programmable)	10W ... 80W
Total output power	2x80W
Efficiency	95%
Internal battery	
Type	Lead Crystal®, sealed. 12V, 12AH.
Expected lifetime	8 years at 25°C
Operation on batteries	>10 hours
External battery	
Type	9V or 12V
Max current	200µA at 1500v
GENERAL	
Operating temperature range	+10 ... +50°C
MTBF	200.000Hrs. (35 °C, GB)
Protections	Over-voltage, Over-temperature, Over-current
Safety	UL61010
EMC	IEC61000-6-1/2/3/4
Dimensions W x D x H	½ 19" rack x 250mm x 3HE
Cooling	Forced air cooling (below 10W per channel the fan stops)

