



## Model 70820 - Specification Sheet



### Output Ratings

Input voltage	24VDC
Input voltage tolerance	22VDC to 26VDC
Input current	Maximum 1.5A
Fuse	2.5A Anti-surge
Efficiency	>75%
Output voltage	8kV Adjustable $\pm 10\%$
Polarity	Negative
Stability	<0.1%
Maximum output power	20W
Temperature coefficient	<300ppm/ $^{\circ}\text{C}$

### Mechanical Specification

The power supply is enclosed in folded aluminium enclosure.

Width	133mm
Length	200mm
Height	42mm

### Other Features

Ripple	<1% peak to peak at full load.
Regulation	<0.1% over above specified input voltage and load variation.

### Protection

1. Overload, arcing and short-circuit. When one of these faults occurs and output current rises to about 2.8mA, the unit enters constant current mode.
2. Protection against reverse-polarity from power source.
3. Safety enable/inhibit input.