



Model 71520 - Specification Sheet



Basic Description

The 71520 is a general purpose power supply. The power supply is designed to produce highly stable output, high efficiency and low ripple. The output voltage can be adjusted from 0 to 15kV and is capable of producing an output power of 20W.

Output Ratings

Input voltage	22VDC - 26VDC
Input current	Maximum 1.2A
Fuse	2.5A Anti-surge
Efficiency	>75%
Output voltage	15kV Adjustable
Polarity	Negative
Stability	<0.1%
Maximum output power	20W
Temperature coefficient	<300ppm/°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.
Voltage monitor	0 to 10V for 0 to max. high voltage output.

Protection

1. Overload, arcing and short-circuit. When one of these faults occurs and output current rises to about 1.5mA, the unit enters constant current mode.
2. Protection against reverse-polarity from power source.
3. Safety enable/inhibit input.