



Cygnus Range

160kV, DC-input workhorse PSU



Specification Summary

The Cygnus series power supply is intended as a general purpose 'workhorse' source of high voltage. The electronics are compact and efficient operating on dual 24V or 120VDC nominal with automatic sensing. It is available in 19" format if required with ripple specification tailored to suit individual needs.

General Specification

Input Range	22 to 32 VDC or 110 to 140VDC with automatic sensing
Output Voltage	As specified up to a maximum of 160kV
Output Power	0 to 800W
Controls	0-5 volts control input. HV OK output. Unit enabled by active low signal.
Load Regulation	Typically 0.01% over 0 to 100% rated load

Line Regulation

Typically 0.01% over 0 to 100% rated load.

Volts (KV)	Current at Rated Voltage
1	800mA
5	160mA
10	80mA
20	40mA
50	16mA
80	10mA
100	8mA
160	5mA

The above table is intended as an indication of system capability; intermediate voltages and special requirements may always be discussed with our technical staff.