

HVC2K SERIES

AC / DC High Voltage: 2000 Watts



Features

- One to three regulated outputs available
- 2000W output power
- Full electronic protection
- Thermal protection
- **N+1 Redundancy option**
- Customer specified output voltage options from 80-300vdc
- Fully isolated input – output: 4300vdc
- Any voltage from 85 – 300vdc is available

Specifications:

Input Voltage	115 / 230VAC (Link Selectable)
Frequency	47 – 63Hz
Efficiency	Typically 85% at full load
Input Protection	Thermal fuse Inrush current limiting
Output Voltage	Any voltage 85 – 300VDC
Isolation	Input – Output: 4300vdc Input – Chassis: 2250vdc Output – Chassis: 500vdc
EMI	Designed to EN55022 Class A
Line Regulation	±1% over input range
Load Regulation	±1% 10% to 100% load
Over Voltage Protection	Double regulator loop
Overload Protection	Current limiting with short circuit protection, auto recovery
Thermal Protection	Self-resetting thermostat
Output Ripple & Noise	1% of output voltage pk-pk or 0.2% RMS
Hold Up Time	Minimum 10ms at full load for 20% drop of output voltage
Operating Temp.	0°C to +50°C at rated power. Consult our office for extended operating temperature.
Temperature Drift.	0.03% per °C over operating temperature range.
Cooling	Build-in fan
Connectors	Phoenix terminal block. Other options on request.
MTBF	100,000 hrs
Dimensions	394 x 191 x 135mm
Weight	4kg
Options	Isolation diode for n+1 redundancy
Alarm	Output DC Fail Alarm: Optional

Model	Output		Power W
	V	A	
HVC2K-85	85V	23A	2000W
HVC2K-125	125V	16A	2000W
HVC2K-136	136V	15A	2000W
HVC2K-250	250V	8A	2000W
HVC2K-270	270V	7A	2000W
HVC2K-300	300V	6.6A	2000W