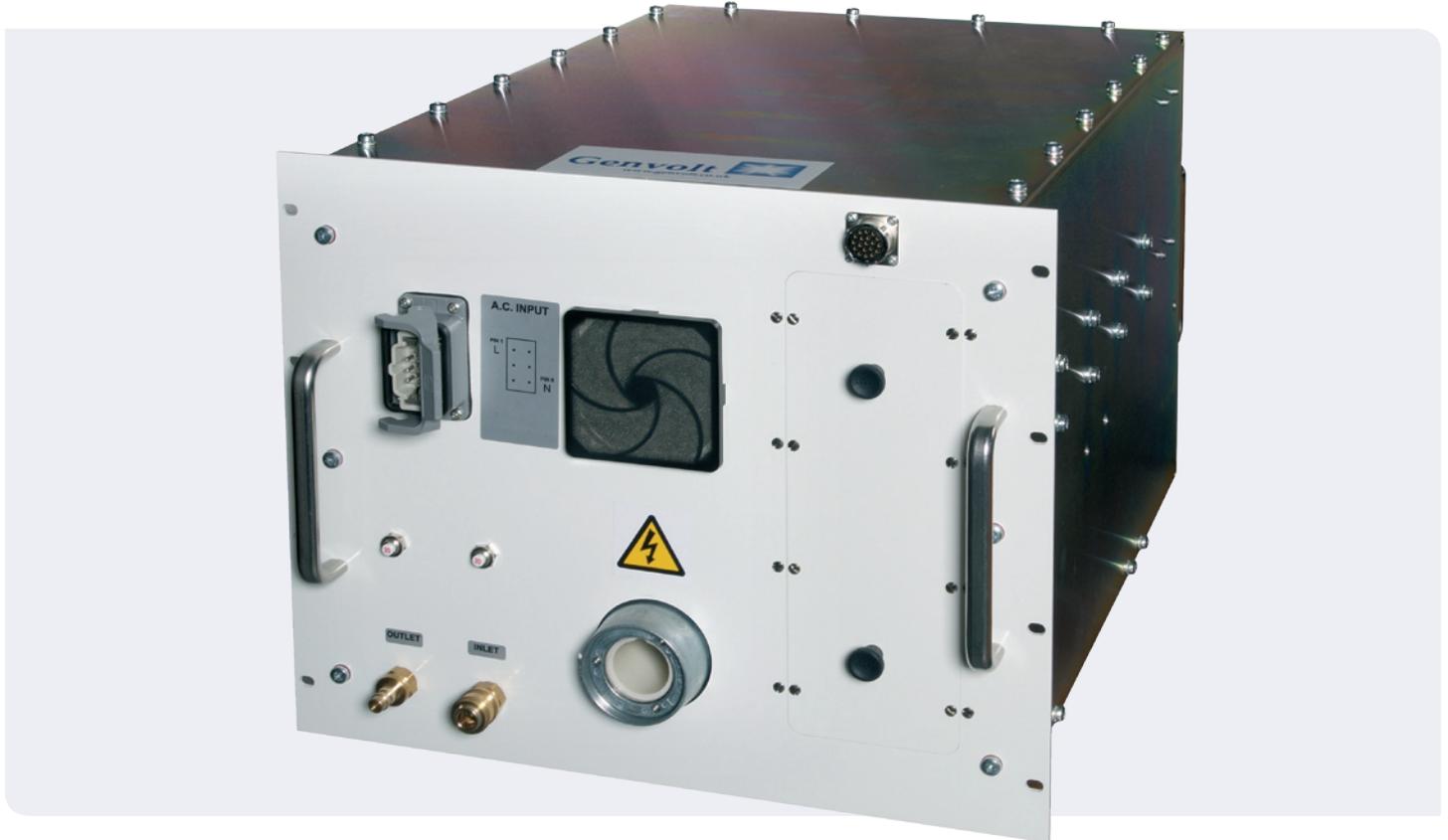




## Orion Range 60kV 3kW X-ray Generator - Specification Sheet



### Power Supply

Input voltage	Single phase 200-240VAC, 50/60Hz
Mains connection	6 way Harting connector HAN6E
Current rating	16A

### Voltage Regulation

Load	0.1% of output voltage no load to full load.
Line	0.1% for $\pm 10\%$ change in input voltage.

### Current Regulation

Load	0.1% of output voltage no load to full load.
Line	0.1% for $\pm 10\%$ change in input voltage.

### Output Ratings

Output voltage	0 to 60kV
Polarity	Negative
Power rating	max. 3kW
Output connection	O4, locked by mechanical nut only
Output current	0 to max. 75mA
Voltage ripple	<1% @ 60kV 50mA

### Filament Control

Filament voltage	0 to 12Vrms
Filament current	0 to 5Arms

### Bias Voltage - 0 to 3000Vdc (negative with respect to filament)

Bias voltage accuracy	<1%
Bias voltage stability	<1%
Bias current	1mA max.