

Datasheet Powersupply



Description:

Our line of high voltage, EMC-tested powersupplies is built specifically for our line of Pockels cell drivers. Our most powerfull watercooled version can supply up to 2kW of electrical Power. To prevent possible damage to the PC driver or the Pockels cell itself, a number of safety features are implemented. An interlock prohibits a high voltage output when no PC driver is connected. For easy use in large systems the powersupply can be controlled remotely by use of a digital interface or by the use of analog set voltages.

General Specifications:

Outputvoltage ¹	0 to ±12kV
Accuracy	±0.5V
Powerconsumption ¹	1W to 2 kW
Efficiency	> 90%
Monitor Voltage Output	0 to 12V
Remote Voltage Output	0 to 24V
Remote Voltage Input	0 to 5V
Serial	3.3V or 5V
Input	110 V or 230V

1) depending on Pockels cell driver type

Dimensions:

Type	Size
14" 3U	463 x 375 x 133 mm ³
Version 1	168 x 124 x 85 mm ³
Version 2	226 x 250 x 85 mm ³
Version 3	240 x 190 x 148 mm ³
Version 4	270 x 219 x 120 mm ³
Version 5	360 x 240 x 126 mm ³
Version 6	470 x 200 x 88 mm ³

Housings can be built to any size and shape. Please contact us for more information.