

PS HIGH VOLTAGE POWER SUPPLY



PS-40 power supply



PS-120, PS-60 power supply

Power supply PS series is designed for powering pockels cell driver with appropriate power and voltage requirement. Due to its performance and reliable design, PS is good choice for OEM customers.

SPECIFICATIONS

Catalogue Number	PS-5	PS-40	PS-80	PS-120	PS2-60
Maximal output high voltage*	4 kV	4 kV	4 kV	4 kV	+ 2 kV; -2 kV
Voltage control limits	-1 kV from maximal value				
Maximal output power at maximal output voltage	5 W	40 W	80 W	120 W	2x60W
External powering requirements	24 V, <15 W **	24 V, <50 W	24 V, <90 W	24 V, <150 W	24 V, <150 W
Dimensions (L × W × H)	135×70×30 mm	160×70×40 mm	175×110×45 mm	175×110×45 mm	175×110×45 mm
Mounting holes Ø3.4 mm location	125×35 mm	150×60 mm	165×60 mm	165×100 mm	165×100 mm

* Matching to pockels driver voltage requirement is desirable by ordering

** Optionally 12 V, <15 W

ORDERING INFORMATION

Catalogue Number	Description
PS-5	5W HV supply, controlled by internal trimmer
PS-5C	5W HV supply, controlled by CAN*
PS-40	40W HV power supply, controlled by internal trimmer
PS-40C	40W HV power supply, controlled by CAN*
PS-80	80W HV power supply, controlled by internal trimmer
PS-80C	80W HV power supply, controlled by CAN*
PS-120	120 W HV supply, controlled by internal trimmer
PS-120C	120 W HV supply, controlled by CAN*
PS2-60	2x60W HV supply, controlled by internal trimmer
PS2-60C	2x60W HV supply, controlled by CAN*

* Requires USB-CAN converter for computer control that is sold separately



PS-80 power supply