

UltraVolt High Voltage Quick Select Chart



MULTI-APPLICATION HIGH VOLTAGE POWER SUPPLIES

Product Series	Max Output Power	Max Output Voltage ¹	Description	Control	Ripple (Peak to Peak)	Temperature Coefficient (ppm/°C)
Micro-Size to Compact DC to High Voltage DC Modules (PCB Mount)						
XS	0.1 W	0.1 kV	Single Output (Unipolar) Bias Supply	Analog	< 0.05%	< 50
US	0.1 W	0.5 kV	Single Output (Unipolar) Bias Supply	Analog	< 0.01%	< 50
M	1 W	3 kV	Single Output (Unipolar) Bias Supply	Analog	< 0.01%	< 100 (std)
V	1 W	3 kV	Single Output (Unipolar) Bias Supply	Analog	< 0.01%	< 100 (std)
MPM	1.5 W	3 kV	Single Output (Unipolar, Isolated or Non-Isolated) Bias Supply	Proportional	< 0.50% (std), < 0.05% (opt)	< 300
D	6 W	6 kV	Single Output (Unipolar) Bias Supply	Analog	< 0.02%	< 100
AA	30 W	6 kV	Single Output (Unipolar) Bias Supply	Analog	< 0.05%	< 50 (std), < 25 (opt)
Standard-Size DC to High Voltage DC Modules (PCB or Chassis-Mount)						
HVA	2 W	20 kV ±20 kV (Bipolar)	Precision Single Output (Unipolar or BiPolar Reversing) Amplifier	Analog	0.05% (std) , < 0.0025% (opt)	< 50 (std), < 25 (opt)
FLHV	15 W	±6 kV (Dual Output)	Dual Output (Unipolar, Floating or Isolated) Bias Supply	Analog	< 0.05%	< 50 (std), < 25 (opt)
A	30 W	40 kV	Single Output (Unipolar) Bias Supply	Analog	< 0.05% (std), < 0.005 (opt)	< 50 (std), < 25 (opt)
AUX	30 W	6 kV (Dual Output) 35 kV (Triple Output)	Dual or Triple Output (Unipolar) Bias Supply with Adjustable/Fixed Range	Potentiometer	See Data Sheet	See Data Sheet
C	30 W	6 kV	Single Output (Unipolar) Cap Charging Supply	Analog	See Data sheet	< 50 (std)
High-Power C	250 W	60 kV (Single Output) ±6 kV (Dual Output)	Single or Dual Output (Unipolar) High-Power Cap Charging Supply	Analog	See Data sheet	< 50 (std)
LE	30 W	30 kV	Precision Single Output (Unipolar) Bias Supply	Analog	< 0.0025%	< 25 (std), < 10 (opt)
E	30 W	15 kV	Precision Single Output (Unipolar) Bias Supply	Analog	< 0.0025%	< 25 (std), < 10 (opt)
Rack-Mount AC to High Voltage DC Power Supplies						
HV Rack	1 kW	40 kV	Custom-Configurable 3U (Unipolar) Supply with up to 4 Outputs	Potentiometer Analog	Configuration Dependent	Configuration Dependent
Standard-size DC to DC Low Voltage Modules (PCB or Chassis-Mount)						
FIL	15 W	5 V	Precision Single Output (Unipolar) Filament Supply	Analog	N/A	< 15
FL	24 W	5.6 V, 12, 24, -15 V	Quad Output Fixed Range (Unipolar) Power Supply with Signal Isolators	Fixed	See Data Sheet	See Data Sheet
EFL	36 W	12, 24, ±15, ±15 V	Quad Output Fixed Range (Unipolar) Power Supply with Signal Isolators	Fixed	See Data Sheet	See Data Sheet

¹ Positive and Negative Polarity Models Available