

Power Supplies and Drivers

DC Current Power Supply

- Stable DC current drivers designed specifically to drive UVTOP[®] & UVCLEAN[®] devices

Pulsed Current Power Supplies

- Designed to operate UVTOP[®] & UVCLEAN[®] with current pulses as short as 10 nanoseconds

Multichannel Control

- Drives multi-wavelength UVCLEAN[®] lamps with independent wavelength control or run together as a broadband light source

Closed loop feedback

- Drives UVCLEAN[®] lamps with monitor photodiode and thermal monitoring to accurately stabilize UV output





Power Supplies

SETi—1 μ S/30V Pulse Power Supply	
Model	UVCLEANPPS1 μ S/1A
Purpose	Pulsed power supply for UVTOP [®] LEDs and UVCLEAN [®] Lamps
Input Power	110V/60Hz/240/50Hz AC; DC 10 — 30V
Repetition Rate	10Hz — 1KHz, PC control
Pulse Width	0.5 — 1.0 μ S, PC control
Pulse Current	Up to 1A, controlled by DC 10 — 30V
Digital LCD Display Power	9V Battery

SETi—AC/DC Power Supply	
Model	UVCLEAN-PS- AC/DC
Purpose	Power supply for UVTOP [®] LEDs
Input Power	110/120 60Hz AC, 220/240 50Hz AC
Output Current	Continuously adjustable, 0 — 250mA DC
Digital LCD Display Power	9V Battery

SETi—Calibrated DC Power Supply	
Model	UVCLEAN-PS-DC-C
Purpose	DC power supply for UVTOP [®] LEDs
Input Power	9V Battery
Output Current	6 discrete current values calibrated for specific wavelength/LED option