



Flexible Power, Intelligent Curing.

OEM Solutions



Flexible power

Take advantage of GEW's flexible control: choose from a fully hardwired control system or a fully software-controlled system. It is also possible to have a mixture of the two, offering great versatility and a perfect solution for every requirement.

Dual or single configuration

EOS dual channel powers two lampheads from a single power supply unit, for the most cost and space efficient system setup. Fully independent lamp control is maintained, and an EOS single channel unit is also available.

Intelligent curing

The EOS power platform is compatible with all GEW intelligent UV curing and drying lampheads. Intelligent, serialised lampheads enable vastly improved telemetry and integration options, with serviceability and support for modern communication protocols.

ArcLED ready

All EOS power supplies have GEW's patented, interchangeable ArcLED capability. As standard they are configured for ArcLED operation, to enable Arc or LED technology to be used in the same press position.

Cabinet & distribution options



5-way cabinet

2-way cabinet

Cooling options



Heat exchanger

Air blast cooler

Chiller

GEW control stack



Hardwired centralised control



Alpha

Beta

Control options

- OPC-UA
- Advanced features
- Up to five year warranty available

- OPC-UA
- Essential core features only
- Parts only warranty

Customer PLC



Direct control by customer PLC

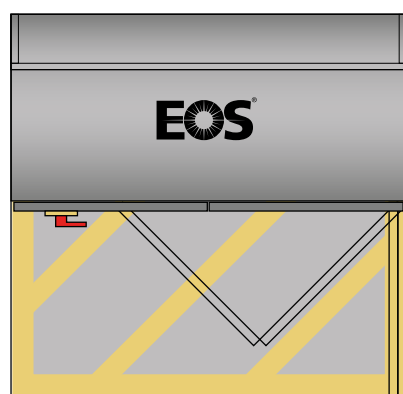
Designed and made in Britain

gewuv.com

GEW
...engineering UV

Minimal footprint power supply rack

The compact rack cabinet houses up to five vertically mounted EOS power supplies and provides perfect cooling, atmospheric protection and mains power distribution. Cabinets are stackable two-high and fit into a 106cm x 115cm floor area. Power supplies slide into the rack and connect quickly, enabling more lamps to be easily added to the system in future.



1.06m x 1.15m = **1.21m²**

Reliable operation

The EOS platform is designed to run in standard production environments with operation up to 40°C (104°F) and electronic components are specially coated to protect from humidity and airborne contaminants. Advanced electronic design protects the UV system from common electrical abnormalities and a safe power-down mode ensures minimal disruption in the event of a shutdown.



Custom ventilation path pulls only filtered air through the electronics, meaning zero contact with airborne contaminants and maximum thermal efficiency.



Bi-fold doors provide a compact profile and easier access to power supplies; vertical orientation eliminates dust accumulation.

Control Specification	Alpha	Beta
Power	9kW	9kW
Rated supply voltage	380-480Vac 50/60Hz 3P + E	380-480Vac 50/60Hz 3P + E
Operating temperature	5 to 40°C (41°F to 104°F)	5 to 40°C (41°F to 104°F)
Operating humidity	Non-condensing	Non-condensing
Compliance	CE & UL field inspection compliant	CE & UL field inspection compliant
Remote monitoring	Available with internet connection	Not available
GEW product compatibility	All	Limited
Lamphead compatibility type	Intelligent only	Intelligent only
Control stack - controller modules	Up to six slots available	Not available
Field bus protocols	OPC-UA	OPC-UA
GEW Service Support	Fully comprehensive	Various tiers available
Warranty	Standard system warranty: 1 year (up to 5 years available)	Standard system warranty: 1 year (parts only)



Head Office

GEW (EC) Limited, Crompton Way, Crawley RH10 9QR, UK

UK +44 1737 824 500 Germany +49 7022 303 9769 USA +1 440 237 4439

✉ sales@gewuv.com 🌐 gewuv.com