

RLT PSU

POWER SUPPLY UNIT

RLT power supply unit for UV systems

The ArcLED RLT is GEW's entry level power supply compatible with LED and conventional mercury arc lamps in systems with up to 16 UV lampheads.

- Arc compatible as standard
- Upgradable to ArcLED hybrid operation
- Dual or single configuration
- Driven by RHINO control technology
- Reliable, efficient, electronic power supply

Dual or single configuration

RLT Dual powers 2 arc or LED lamps from a single power supply unit for the most cost and space efficient system setup. Fully independent lamp control is maintained and an RLT Single unit is available for odd numbered or single lamp systems. Powers up to 16 lamps from a 1.8m² footprint.

RHINO control

RLT is controlled by GEW's proven RHINO control software and an intuitive HMI touchscreen. RHINO control also gives internet connection to the UV system and enables GEW's online monitoring service to rapidly identify and fix faults should they occur.

Reliable operation

RLT is designed to run in standard production environments with operation up to 40°C (104°F) and electronic components 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 shut down.



Minimal footprint power supply rack

The compact rack cabinet houses up to 6 RLT power supplies and provides perfect cooling, atmospheric protection and mains power distribution. Cabinets are stackable 2-high and fit into a 115cm x 65cm floor area. Power supplies slide into the rack and connect quickly, enabling more lamps to be easily added to the system in future.

ArcLED ready

All RLT power supplies have GEW's unique ArcLED hybrid capability. As standard they are configured for arc operation but can be upgraded to ArcLED hybrid to enable arc and LED technology to be used on the same print station.



SPECIFICATIONS	RHINO	RLT
Power	9kW, 18kW or 27kW	8.4kW (per channel) or 16kW
Operating Voltage	380-480V	380-480V
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	ETL Listed (9kW), CE	CE, UL/CSA Field Inspection
Infinitely variable power	Yes	Yes
Internet connectivity	Yes	Yes
Active harmonic filtration	Yes	No
Power factor	1	0.95
ArcLED hybrid	Yes, as standard	Yes, optional upgrade
Doped lamp compatible	Yes	No
UV monitoring compatible	Yes	Yes
Inert system compatible	Yes	Yes
Warranty	5 years	1 year (2 years optional)

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