



Improve your systems performance and extend equipment lifecycles with Enatel Energy's retrofit solutions

Enatel Energy's retrofit solutions are the perfect answer when efficiency, escalating operational costs and constrained capacity become limitations.

Our retrofit solutions enable legacy equipment to benefit from advances in today's technology. Systems are specially engineered within the same form factor to ensure a seamless replacement within minutes. It avoids any mechanical or electrical modifications and specialist site visits - saving you time and money.

In combination with our next-generation HE rectifiers, our retrofit applications will significantly reduce CAPEX and OPEX.

Retrofit upgrades are available for Argus, Ascom, Com-10, Delta, Eaton, Eltek Valere, Emerson, Ericsson, Harmer and Simmons, Lorain, Peco2, PCP, Swichtec, and Tyco.

KEY FEATURES

- **Optimized asset performance**
- **Significant OPEX savings**
- **Re-use of existing infrastructure**
- **Safe operations**
- **Advanced battery management, remote monitoring, service, maintenance and software upgrades available**
- **Increased maintainability of your equipment**
- **Long-term availability of spare parts and support**
- **Minimum intrusion and commissioning time**

enatel
energy

SPECIFICATIONS



LEGACY EQUIPMENT



RETROFIT SOLUTION



LEGACY EQUIPMENT



AC INPUT

2.0kW

3.0kW

Nominal Input Voltage:	230V AC	
Input Voltage Range:	85-300V (175-275V AC not derating output power)	85-300V (190-275V AC not derating output power)
Power Factor:	>0.99	
Peak Efficiency:	96.7% (>96% efficiency @ >45% load)	96.3%

DC OUTPUT

Nominal Output Voltage:	48V DC
Output Voltage Range:	43-60V DC
Maximum Output Current:	60.0A

ENVIRONMENTAL REQUIREMENTS

Ambient Temperature:	-20°C to +70°C (maximum output power is derated above 55°C)	-20°C to +70°C (maximum output power is derated above 45°C)
----------------------	---	---

MECHANICAL

Dimensions W, H, D:	111.5mm, 44.0mm (1U), 282.0mm overall (rack depth 260.0mm)
Weight:	1.50kg
Cooling:	Force cooled (front to back airflow)

COMPLIANCES

Safety:	EN60950
Immunity:	CISPR24
Emissions:	CISPR22
AC Harmonics:	EN61000-3-2
AC Flicker and Fluctuation:	EN61000-3-3
Other:	CE & RoHS compliant

Contact Enatel for datasheets and characterization details. Due to product development specifications are subject to change without prior notice. Pictures may be representative; actual products may differ.

