

# Adaptable power control for electrical heating applications

E-Pack™ compact power controllers

Designed for fast integration and optimum efficiency



[eurotherm.co.uk/epack](http://eurotherm.co.uk/epack)

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**Eurotherm**®  
by **Schneider Electric**



OEMS: Adapt quickly to your customers' challenges and maintain your competitive edge.

A range of power controllers designed by engineers for engineers



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Original equipment manufacturers (OEMs) and system integrators need to be able to react quickly to customer needs while maximizing resources. Whether replacing an existing product or building a new process, the design of the EPack™ power controller has been carefully considered for fast and easy panel installation, commissioning and integration into wider systems, lowering equipment costs and manufacturing times for you and your customers.

### Reduce equipment costs and increase equipment efficiency

- Save space through compact design ideal for smaller cabinets
- Save costs with reduced components required such as external switches and multiple I/O boards
- Improve OEE (Overall Equipment Effectiveness) with real-time indicators for efficient monitoring of the process
- Robust design for high reliability in demanding environments

### Stand out from the competition

- Cost effective flexible software
  - Adaptable to changing customer demands
  - Scalable, digital upgrades available when required
- Enhance and guard your brand
  - Unique tamper resistant option helps to guard OEM knowledge and expertise (IP)
  - Personalized fascias
  - Customizable configuration

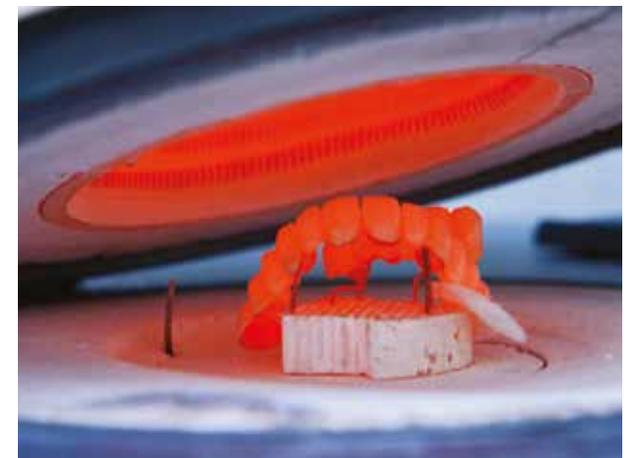
### World Class Certification

- Certified to international industry standards
  - CE, cUL, CCC exempt, EAC & Pattern approval (single PH) (see data sheet for full details)
  - Adaptable to multiple markets

### Reduce integration time

- Easy installation, commissioning and system upgrade
- Fast selection and configuration options
- Easy connection to PLCs, networked devices, and \*Industry 4.0 / IIoT technologies via native comms for all major protocols
- Easy operator set up with 'Quick Start' and simple cloning
- Free comprehensive PC configuration tool (iTools)

*Ideal for infrared heating and other high energy applications*



\* Industrial Internet of Things (IIoT) and Industry 4.0 technologies can improve cost efficiencies, enable predictive maintenance and can result in competitive advantage – a natural fit to an existing process set up and this technology easily wraps around current installations



## End Users: Maximize your day-to-day operational efficiency for better profitability.

Do you need to reduce your energy costs and improve productivity, while minimizing your stock holding?



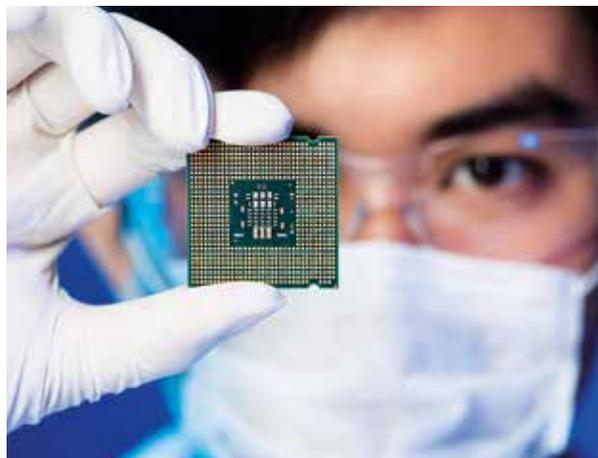
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End Users continually need to improve operational efficiency and productivity. EPack power controllers can deliver real savings, significantly reducing your energy costs.

A compact size doesn't compromise powerful features that minimize costs and improve productivity and quality: The flexibility to buy what you need now and adapt later.

Get the best from your operations.



*Ideal for regulated industries such as Semi-Conductor and Food & Beverage industries*

### Improve quality, reduce scrap, and increase profits

- Precise repeatable control minimizes waste, improves quality and increases yield
- Reduce downtime and scrap with fast, meaningful diagnostics
- Fast maintenance with removable connectors and external fuses
- Simplify your supply chain with reduced stock holding due to minimal variants
- See where quality and process improvements can be made with real-time data

### Adaptable, scalable, digitized and compact

- Compact with side by side mounting allow lower cost, smaller cabinets
- Adapt easily and quickly to changing needs with flexible software upgrades
- Grows with your business, only pay for what you need now

### Save on energy usage and reduce your carbon footprint

Rates and penalties applied directly to electricity bills depend on the quality of the power factor.

- The EPack controller has advanced firing modes, which can improve power factor. Choosing EPack could reduce your electricity bill by 5%\*
- Gather valuable data such as energy usage, true power, apparent power and power factor

\* based on typical savings seen in retrofit applications where fixed analogue thyristors were previously in use



## The EPack™ range allows you to optimize a vast spectrum of industrial processes.

EPack™ power controllers are ideal for OEMs, system integrators and end users, offering easy integration and versatile features with the flexibility to buy what you need now and adapt later, plus the ability to significantly reduce energy bills.



Life Is On

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Batch processing • Melt pressure control • Industrial distillation •

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Discover how the EPack™ controller can increase your competitive edge

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