

**AEG**

POWER  
SOLUTIONS

# High efficiency guarantee for your sensitive network and IT

Protect D – Online Rackmount UPS



# PROTECT D

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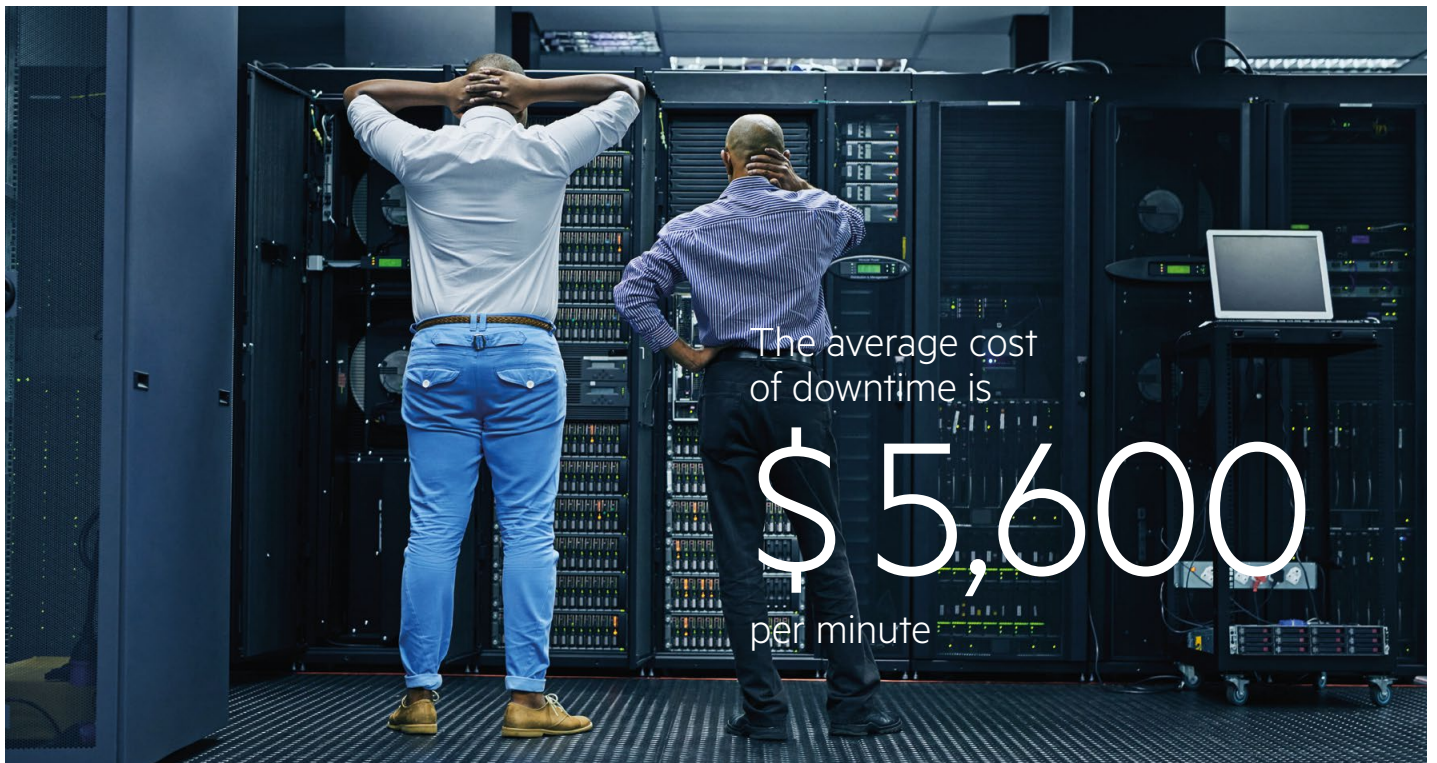
Networks, servers, and storage systems are the backbones for any company or organization, enabling continuous business operations.

A reliable IT infrastructure is critical when it comes to serving customers in any industry, from retail to logistics to financial and banking services. In this digital era, not having the possibility to offer a service immediately and answer customer needs is opening the possibility for other providers to seize the opportunity while you are spending time dealing with technical problems. Furthermore, the costs of lost opportunities are sizeable – a study by Gartner analyzed large-size companies, and found that the average cost of downtime is \$5,600 per minute.

Any server system failure may have serious consequences, for your sensitive company data, as well for your IT equipment, underlining an essential need for protection. While paying attention to data security protection, a responsible company is also investing in uninterruptible power supply. A UPS from AEG Power Solutions is reliable protection against unexpected power disturbances while providing the additional battery power in the event of an outage.

**Guaranteed efficiency: 20 % higher power**  
Answering the need for high efficiency and reliability for your sensitive networks and IT equipment, Protect D from AEG Power Solutions is designed to offer continuous protection from any power event in all critical situations.

With a high power factor of 0.9, Protect D achieves more than 20 % higher power in comparison to conventional UPS systems providing outstanding performance, superior reliability and longer autonomy times.





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#### Intelligent battery management

Efficiency is significantly increased not only during normal operation but also in the energy efficient ECO and ECO+ operating modes while the intelligent battery system is ensuring efficiency by preserving battery life. Thanks to advanced battery charging technology, charging time is very short and the hot-swappable battery can be easily replaced even during the operation mode.



#### Easy monitoring, easy installation

To enable easy and continuous monitoring of your system operations, Protect D offers multiple interfaces (RS232 / USB / Slot / EPO) combined with a multilanguage LCD display graphic showing all critical information, from current state to real-time event logger

for careful observation and analysis of events as they occur. For maximum protection, AEG PS CompuWatch shutdown software offers remote shutdown in critical situations.

The compact housing dimensions make Protect D suitable for IT cabinets with a depth of only 800 mm.

**This compact and highly reliable uninterruptible power supply with its intelligent battery system is perfect for server rooms in any industry, enabling highly efficient protection for your vital equipment, sensitive data, and network.**

## FEATURES

- VFI topology (online/double conversion) protects against all network problems
- An increase of the available performance by approx. 20 % through a 0.9 power factor
- Increased efficiency through the ECO and ECO+ Mode
- Advanced battery charging technology for maximum durability of the battery
- Hot-swappable batteries, easy replacement through front panel

- Additional battery packs for easy scaling of the autonomy times
- Extension slot for communication cards; communication in parallel is possible through the RS232/USB interface and SNMP
- Units with power range from 1 to 3kVA and integrated battery available in a low height (2U) format
- Switchable UPS outputs with innovative locking mechanism

- Display of the UPS parameters on a graphic LCD; direct configuration is possible with the control panel
- Freely programmable potential-free contact plus emergency shutdown contact
- May also be used as a frequency converter



## WHERE TO USE IT?



#### AEG Power Solutions

Approach your local AEG Power Solutions representative for further support. Contact details can be found on: [www.aegps.com](http://www.aegps.com)