

ARTICLE

ABB wins order for Malaysia's largest semiconductor manufacturer



Dynamically improving quality, reducing operational costs and advancing efficiency with the PCS100 UPS-I.

The project

ABB has secured an order to stabilize power supply for one of Malaysia's largest and most established manufacturers of semiconductor products.

This industry giant has continually been confronted with loss of production and revenue caused by power fluctuations. The hightech manufacturer operates sophisticated equipment which is very sensitive to power fluctuations. The losses can be high as the cost of resuming operations and scrapping damaged products can amount to millions.

"We are pleased that this pioneer of the country's electronics industry, has chosen ABB's UPS-I to stabilize power supply at its manufacturing facility," said Jonathan Teo, Local Business Unit Manager for ABB Malaysia's Discrete Automation and Motion division (DM).

"The order comprises of six 900kVA UPS-I units, which are to be delivered by May 2011. It is the single largest order for ABB Malaysia's DM division this year, and I would like to take this opportunity to congratulate the team for their commitment and hard work," he added.

These ABB power protection systems are destined for operation in one of the largest sites for semiconductor assembly and testing, producing higher value semiconductor products, automotive pressure sensor and radio frequency identification devices.

The facilities products can be found in varied applications such as computers, mobile phones, wireless devices and braking systems in automobiles.

Solution benefits and features

- Protection against short outages and very deep sags
- Protects against utility reclosure events
- Provides back-up during generator start-up following a utility supply failure
- Allows process loads to ride through common power problems, increasing yield, reducing product wastage and improving productivity
- Very high efficiency (typically 99%)
- Very high fault capacity compared with standard UPS solutions
- Extensive range of voltages available
- Small footprint design
- Maintenance bypass option available for larger models
- Custom storage solutions available

To find out more about ABB's power protection solutions:

Web: www.abb.com/ups

Email: powerconditioning@abb.com

Additional information

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