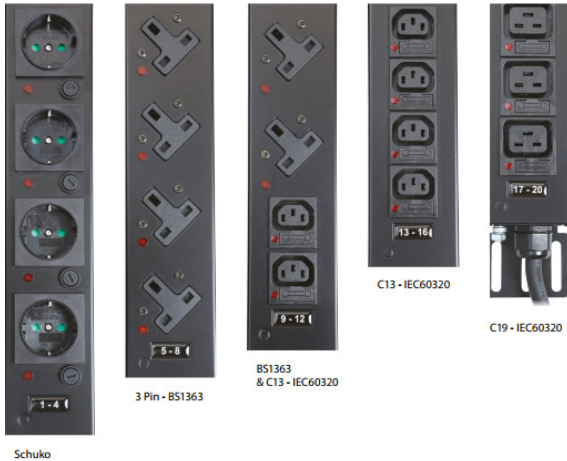


Excel Power Distribution Units (PDUs)



Excel is a world-class premium performance end-to-end infrastructure solution – designed, manufactured, supported and delivered, without compromise.






Power Distribution Units (PDUs) deliver the power required for the equipment within the rack, more advanced units can provide management information on power consumption and local environmental conditions such as temperature and humidity. It is important to consider the PDU requirement at the rack installation stage rather than as an afterthought at the equipment installation stage. Making sufficient provision for the power will ensure the longevity and best use of the rack.

Excel's PDUs can be fitted in various different ways within the rack: front; rear; horizontal rack mount; vertical side mount. This may be dependent on:

- Available space in the rack
- Position of equipment
- Position of the power input for specific equipment

Why monitor power?

- **Keep your servers running efficiently and effectively** – appropriate distribution of power throughout an environment helps to support the smooth-running of the operation.
- **Maintaining optimum temperatures** – maintenance of the temperature of a server room to support normalisation of data centre power consumption helps to ensure that the environment doesn't burn out and helps to extend Return on Investment.
- **Manage alerts and alarms** – a proactive approach to power management leads to a healthy server environment.
- **Prevent data loss and server damage** – engagement with an effective battery monitoring routine to ensure that if/when power disruptions occur, the damage caused is limited.
- **Reduced Costs** – power management helps to reduce operational costs of running a data centre environment by ensuring maximum efficiency.

Modular PDU Range	Standard PDU Range	Intelligent PDU Range
<p>Excel's modular PDUs introduce flexibility and design options to suit your power requirements. A range of socket modules are available which snap into the housing quickly, easily and securely without the need for tooling.</p> 	<p>Excel's Standard PDUs are available in a variety of sizes and socket types, available for either horizontal or vertical mounting. A range of input connectivity plugs are available to support different installation environments.</p> 	<p>Excel's iPDUs are designed to suit any environment where monitoring or managing of information is required. Available with up to 48 sockets of any combination, the iPDUs cover all aspects of power distribution, from overall monitoring down to the individual socket. Sensor options include temperature, humidity, smoke, fire, water, heat controls and door locking capability.</p> 

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