



# Important customer external power supply

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What are the benefits of external power supplies?

External power supplies feature a separation that renders substantial thermal management benefits. By situating the power supply away from the device, it minimizes direct exposure to heat, thereby extending the device's operational life.

What is an external power supply?

External power supplies serve as standalone units connected to devices via cables, an arrangement suitable for portable electronics such as smartphones and tablets. This division enhances the convenience by allowing easier servicing and replacement.

What are the different types of external power supplies?

External power supplies ranging from 6W to 300W. Cost-effective solutions that keep your products running at peak performance.

Why do we need Standardized external power supplies?

The use of standardized external power supplies enables to interchange their power systems among diverse gadgets, fostering adaptability. External power supplies feature a separation that renders substantial thermal management benefits.

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As defined in the Code of Federal Regulations (CFR), "external power supply" means an external power supply circuit that is used to convert household electric current into DC current or lower ...

This article explains how internal and external power supplies work, compares their strengths and limitations, and explores factors to consider when choosing the right type.



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