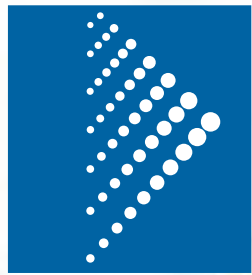


Product Selection Guide

DC/DC- & AC/DC-Converter



aimtec

Your Power Partner



AC/DC & DC/DC Converters,
LED Drivers, EMC Filters & AC Adapters



DC/DC-Converters



[Learn More](#)

Over 7700 models overall (4000+ between 1 ~ 3 watt)
Output Power: 0.25 watt ~ 250 watt (SMD from 0.25W to 3W)
Input range: up to 1500VDC (+/-10%, 2:1, 4:1 up to 10:1)
Input / Output isolation: 1000 ~ 6000VDC, up to 5000VAC
Industrial operating temperature range: -40°C cold start up to 125°C
Industry standard pin configurations
Wide assorted packages: SIP, DIP, SMD, 1x1", 2x1", 2x1.6", 2x2", 1/8th Brick, Quarter Brick, Half Brick

AC/DC-Converters



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Output Power: 1W to 350W
Input range: 90 ~ 582 VAC input available
Wide operating temperatures: -40°C to 85°C
High Power density: 5 Watt, 10 Watt and 20 Watt with the same small footprint
Low EMI: Suitable for very sensitive telecom applications
High I/O Isolation: Up to 4000VAC

EMC Filters



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Wide input range: 90-305VAC, 47-63Hz
Operating temperature: -40°C to 80°C
Mounting: PCB mounting, Chassis mounting with screw terminal, DIN-RAIL mounting

LED Driver



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Indoor and outdoor applications: all weather conditions different IP-Level
Drive a single LED or multiple strings of LEDs
Constant current and constant voltage
Step up and step down converters
Three dimming models and low flicker options
Power factors correction (PFC)
Available with IP67/IP68 submersible ratings

Switching Regulator



[Learn More](#)

High Efficiency: up to 97% versus 50% for linear regulators
NO heat sink required: Saves PCB real-estate
NO forced air cooling required: Eliminates need for heat sink