

AC-DC ADAPTOR

*Stay charged. Stay connected.
Stay productive*

Empowering Connectivity from Anywhere

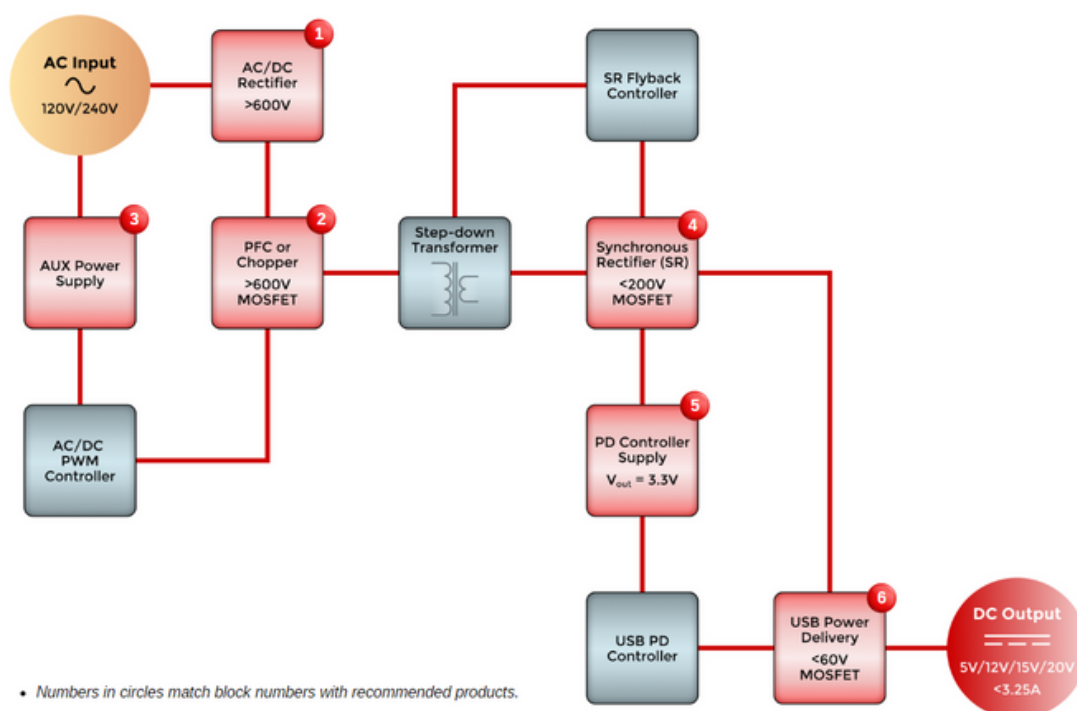
Often overlooked until battery levels drop, AC-DC adaptors do more than convert power. They enable productivity, seamless communication, access to information, remote work flexibility, emergency connectivity, and endless entertainment. They also support collaboration, navigation, social connections, and continuous learning.

Block Diagram

Engineers should specify components after careful consideration of the following aspects that impact overall design, performance, and safety of AC-DC adaptors:

Key Design Considerations

- Efficiency
- Voltage regulation
- Overcurrent protection
- Heat Dissipation
- Size and weight
- Electromagnetic interference (EMI) mitigation
- Safety standards
- Compatibility



Recommended Products



Bridge Rectifiers

- ① TBS20K
- ① KBJA408



Power MOSFETS

- ② MSJL20N60A
- ④ MCAC100N10YHE3
- ⑥ MCG35P03A



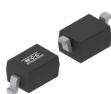
Super Fast Recovery Rectifiers

- ② US1MFL



Small Signal Bipolar Transistors

- ③ MMBTA06



Switching Diodes

- ③ BAV20W
- ③ BAS16WX



Small Signal MOSFETS

- ③ SIL05N06A
- ⑥ SI5618A



Voltage Regulators

- ⑤ MC6225K3-3.3



Schottky Barrier Rectifiers

- ④ MBRI5U100L



Zener Diodes

- ③ BZT52C20S