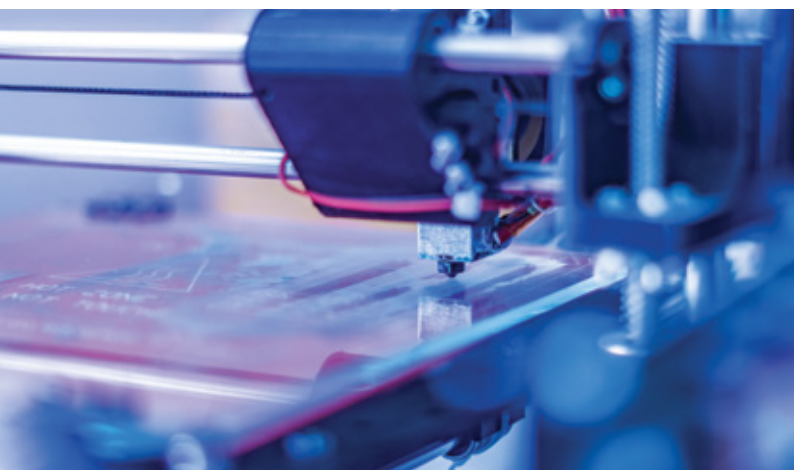


CRITICAL POWER

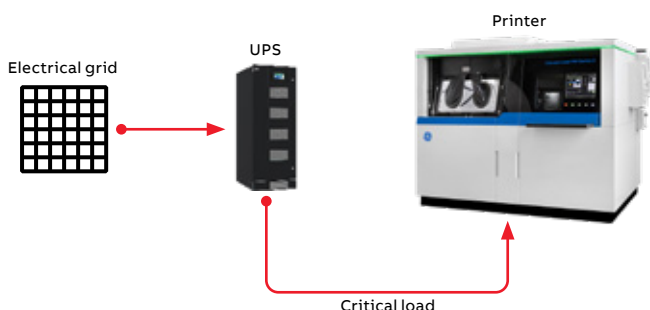
# The need for power quality during additive manufacturing



When it comes to the high-tech 3D printing processes in today’s digital industrial era, even a short power disruption can have a significant impact. Whether caused by inconsistent utility operation, weather-related incidents or the normal operation of non-linear load equipment, a power disruption can affect the quality of the 3D-printed component, even if the process has been completed.

## ABB UPS product

Uninterruptible Power Supplies by ABB are among the top performing three-phase UPS systems providing critical power protection for a wide range of applications. The ABB UPS operates in VFI mode (Voltage Frequency Independent) and has been developed to satisfy the growing request of high efficiency through an innovative control algorithm with 3-level inverter technology. This innovative product provides double conversion operating mode and is tested to protect additive equipment.



## UPS value proposition for 3D printing



### Consistent printing quality & printing cycle

ABB UPS systems provide high quality and extremely reliable power supply at any time and in any condition, making it ideal for 3D printing equipment to provide consistent printing quality and overall printing cycle.



### Avoiding unscheduled downtime

ABB UPS power back-up systems can help keep your 3D printing processes running smoothly, without costly interruptions.



### Saving cost & meet the customer schedule target

ABB UPS power back-up systems can help save cost by avoiding loss of product due to power quality issues, operational losses, and unscheduled downtime due to power failure.

**Interested in learning more about ABB products for additive manufacturing?**

**ASK AN EXPERT**

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