



## 1609-S350ES/1609-S350NS Industrial Uninterruptible Power Supply Application Note



### ATTENTION

Hardwiring of the UPS should be performed by a qualified electrician. Use the appropriate wire sizes.

In *230 V applications*, the UPS must be protected with a circuit breaker that complies with European standards for branch-rated protection per the country of installation.

In *208 V applications*, the 1609-S350ES must be protected by a dual-pole, 10 A branch-rated circuit breaker with UL489 rating.

In *120 V applications*, the 1609-S350NS has supplementary circuit breaker protection. The unit should be protected by a single-pole, 15 A branch-rated circuit breaker with a UL489 rating.

Allen-Bradley part number 1492-MCAA115 is suggested.

**The branch circuit breaker must be off prior to wiring the unit.**



### NOTE

*208 V applications*: The 1609-S350ES ships ready for 230 V sources. When operating the UPS in 208 V applications, the UPS low transfer voltage settings are adjusted through PowerChute<sup>1</sup> software.

The proper setting for low transfer voltage is 196 V.

Refer to the PowerChute user guide instructions for setting adjustment details.