

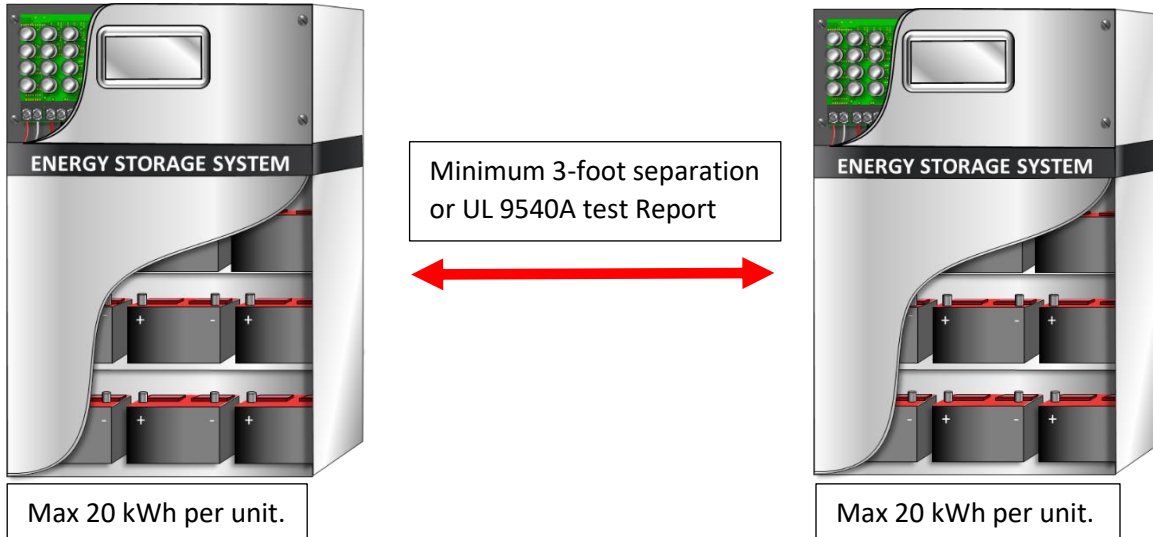


2021 Residential ESS Requirements

International Residential Code® (IRC®) Section R328 and

NFPA® 855 Standard for the Installation of Stationary Energy Storage Systems, Chapter 15

- Shall be listed and labeled in accordance with UL 9540.
- Shall be installed in accordance with the manufacturer's instructions and their listing.
- Shall be separated from each other by not less than 3 feet. Except where smaller separation distances are documented based on UL 9540A Test Report.
- Prohibited from installation within sleeping rooms, or closets or spaces opening directly into sleeping rooms.



- Individual units shall have a maximum rating of 20 kWh.
- Aggregate rating shall not exceed 40/80 kWh depending on location*.
- Except where larger kWh ratings are documented based on UL 9540A Test Report.



*20 kWh max per unit, 40 kWh max. aggregate within uninhabitable utility closets, basements and storage or utility spaces.

*20 kWh max per unit, 80 kWh max. aggregate in attached or detached garages and detached accessory structures; on exterior walls; or outdoors on the ground.