

## Typical electrical needs of high efficiency appliances

PROJECT	EXAMPLE PRODUCT DESCRIPTION	ESTIMATED REQUIRED AMPS*
Electric Vehicle Charger	Level 2	30-40
Heat pump water heater	80 gallons	15-30
Heat pump space heater	30K-60K Btu heating load, mini-split unit	15-45
Induction cooktop	4-5 burner cooktop	40-50
Heat pump clothes dryer	4-7 cubic feet drum capacity	15-30
Solar	5kW DC	Consult with your electrician**
Battery storage	7 kW peak power	30

\*Depends on specific model of equipment selected.

\*\*The number of available breakers on your electric panel may also be a limiting factor for projects that add to your home's electrical load. In some circumstances, breakers can be added to an existing panel, but in other cases increasing the number of breakers may result in the need for a panel upgrade. A licensed electrician can assess whether your panel has enough available breakers to accommodate added electric loads.