

CONNECTED TO BC HYDRO POWER GRID, SAVE MONEY WITH NET METERING

Battery Backup Systems are suitable for people who normally have grid power but would like the security of a backup system if the power goes out.

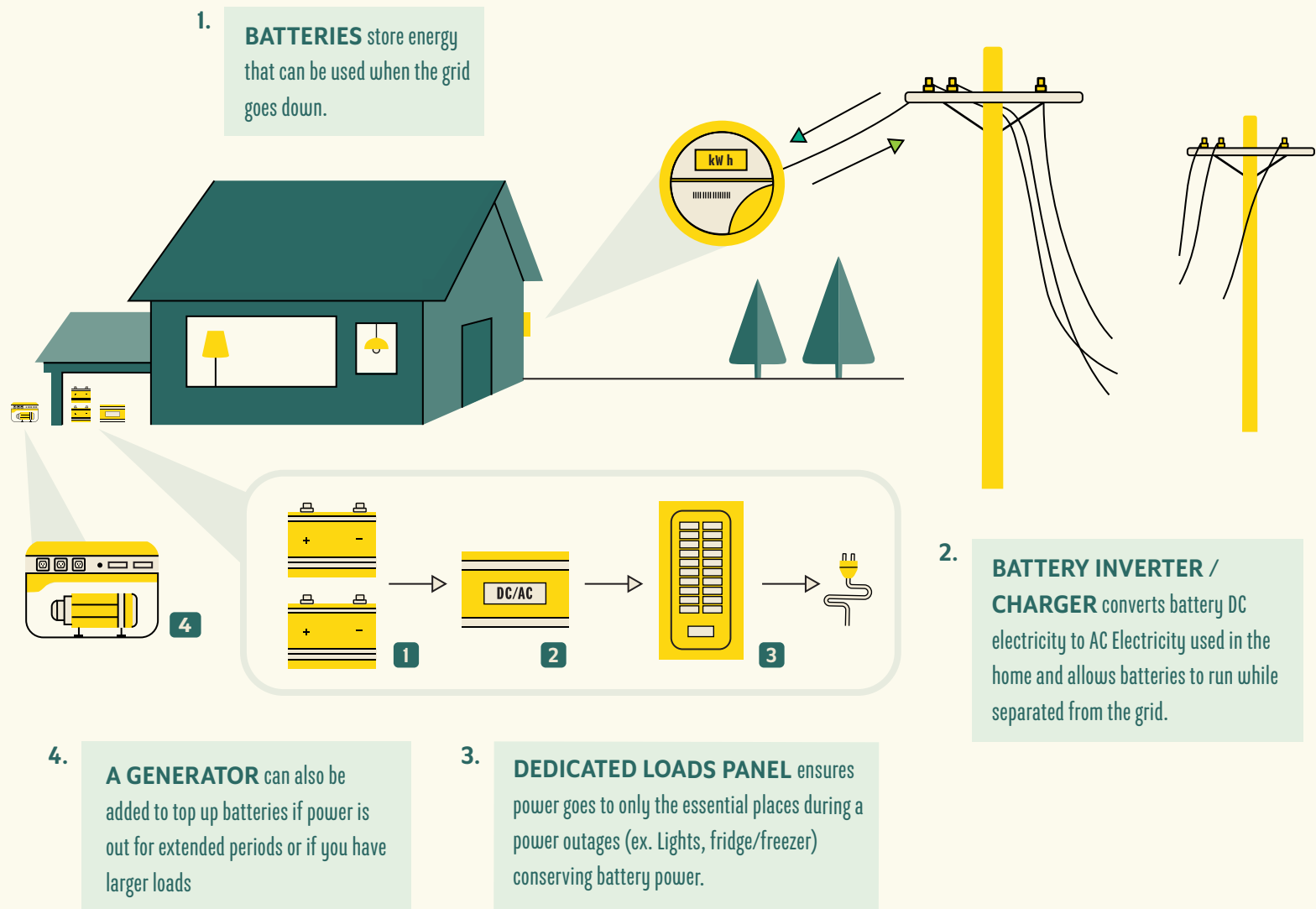
Battery Backup can be designed with a new solar installation or added to an existing solar grid tie system.

Days of Autonomy – the number of days you can run on your battery system before they need to be recharged. This along with a load calculation determines the size of the battery bank.

Tip 1 → If you are having a new home built add a dedicated loads panel beside your main electrical panel at that time.

Tip 2 → Only add the essential loads to the dedicated loads panel like lights, fridge and freezer. Loads like heating and hot water can make battery backup cost prohibitive and you may require a generator instead.

VIRIDIAN ENERGY is a Vancouver Island Worker's Cooperative based in Cowichan, Sooke and Courtenay.



RENEWABLE POWER NOW VANCOUVER ISLAND, THE GULF ISLANDS AND BEYOND
TALK TO US ABOUT A DESIGN FOR YOUR SPECIFIC RENEWABLE POWER NEEDS
VIRIDIANENERGY.CA INFO@VECOOP.CA 1.888.386.0116 LICENSED ELECTRICAL CONTRACTOR 22258

GRID TIE BATTERY BACKUP PACKAGES

STORE YOUR ENERGY FOR POWER OUTAGES & PEAK TIME RATES

**Suitable for Cities & Rural Area.
Everywhere Utility Power is Available.**

There is a lot of selection for batteries and the technologies are evolving. Our policy is to work with you to pick the best technology to meet your budget, needs now and in the future. We work with all types of batteries from flooded lead acid, Aquion, to the latest Lithium Ion.

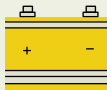
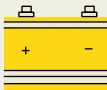
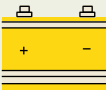
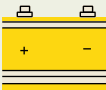
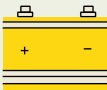





Battery back-up systems have become more mainstream due to the popularization of the Tesla Powerwall. There are 3 different reasons for adding battery storage to grid-connected buildings. All these types of systems can be designed with or without solar.

WHY BATTERY BACK-UP?

- Time of Use Metering Offset
- Short Term Power Outage
- Long Term Power Outage

SERIOUS ABOUT SOLAR?

Request a Solar Assessment from
VIRIDIAN ENERGY CO-OPERATIVE

GRID TIE + BB 2.5	GRID TIE + BB 5.0 A	GRID TIE + BB 5.0 B	GRID TIE + BB 6.0 A	GRID TIE + BB 6.0 B
				
BATTERY BANK 2.5 kWh BATTERY TYPE AGM	BATTERY BANK 6 kWh BATTERY TYPE AGM	BATTERY BANK 6.55 kWh BATTERY TYPE Li-Ion	BATTERY BANK 5 kWh BATTERY TYPE Tubular	BATTERY BANK 4 kWh BATTERY TYPE Li-Ion
 2.5 kWh/day ENERGY PRODUCTION	 5 kWh/day ENERGY PRODUCTION	 5 kWh/day ENERGY PRODUCTION	 6 kWh/day ENERGY PRODUCTION	 6 kWh/day ENERGY PRODUCTION
APPLIANCES Fridge, Lights, Laptop, TV + WiFi	APPLIANCES Fridge, Freezer, Lights, Laptop, TV + WiFi	APPLIANCES Fridge, Freezer, Lights, Laptop, TV + WiFi	APPLIANCES Fridge, Freezer, Lights, Laptop, TV, WiFi + Water Pump (1 hp)	APPLIANCES Fridge, Freezer, Lights, Laptop, TV, WiFi + Water Pump (1 hp)
AUTONOMY ½ day	AUTONOMY 1 day	AUTONOMY 1 day	AUTONOMY 2½ days	AUTONOMY 2 days
\$7,000*	\$10,000*	\$16,000*	\$14,000*	\$29,000*

* PACKAGES DO NOT INC. SOLAR PANELS

* ACTUAL INSTALLATION COST IS UNIQUE TO YOUR SITE AND WILL BE DETERMINED AT YOUR SITE VISIT

* PRICES DO NOT INCLUDE TAXES

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