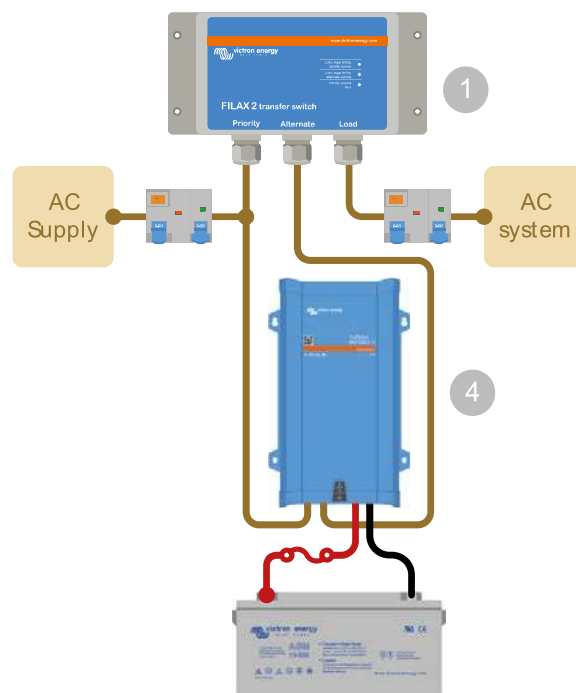
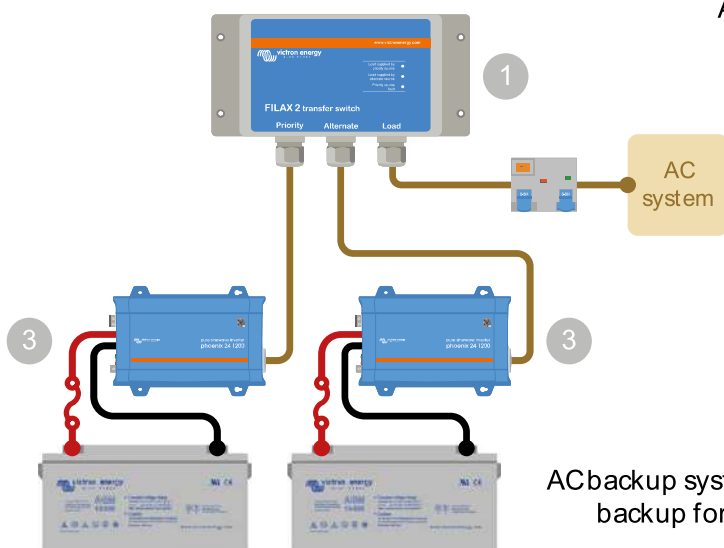


AC backup system, an inverter is the backup for the AC supply (grid or generator). The charger ensures that the battery is charged from the AC supply.



AC backup system, an inverter/charger is the backup for the AC supply (grid or generator).



AC backup system, One inverter is the backup for the other inverter.

ID	Items and notes
1	The Filax 2 is an ultra-fast AC transfer switch, rated to 16A, available in a 230 and a 110Vac model.
2	Blue Smart battery charger or any other battery charger or solar charger can be used.
3	Inverter, any model up to 3kVA for 230Vac systems (or 1600VA for 110Vac systems) can be used.
4	Inverter/charger, any model up to 3kVA for 230Vac systems (or 1600VA for 110Vac systems) can be used.
	AC cable and AC circuit breaker (CB or MCB) and AC earth fault detector (RCD, RCB or GFC).
	Solar panel or solar array.
	12, 24 or 48V battery or battery bank consisting of multiple batteries in series, parallel or series/parallel.
	DC fuse.
	Positive (red) and negative (black) DC cables. For the correct cable sizing see the Wiring Unlimited book .