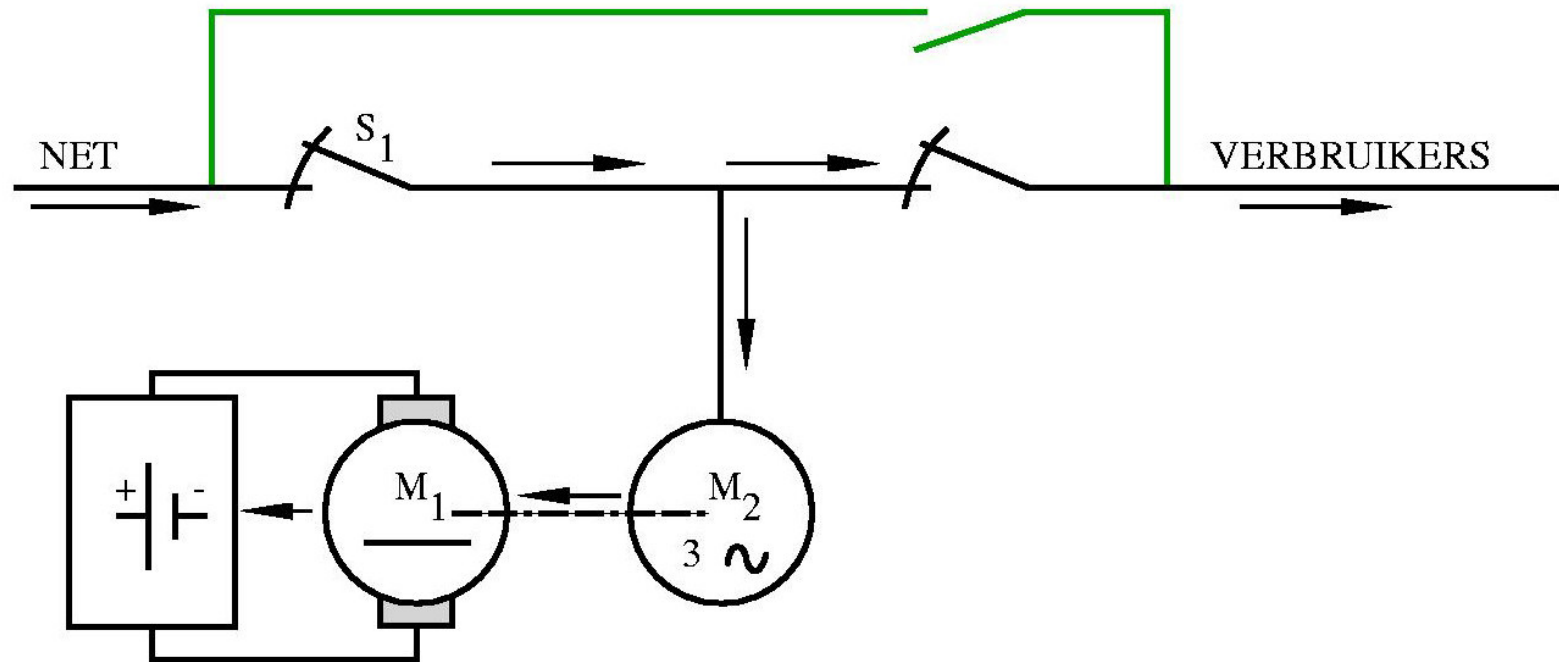


UPS systemen

Rotatieve UPS



Rotatieve UPS -vliegwielen

The CAT UPS 250i/300 Block Diagram

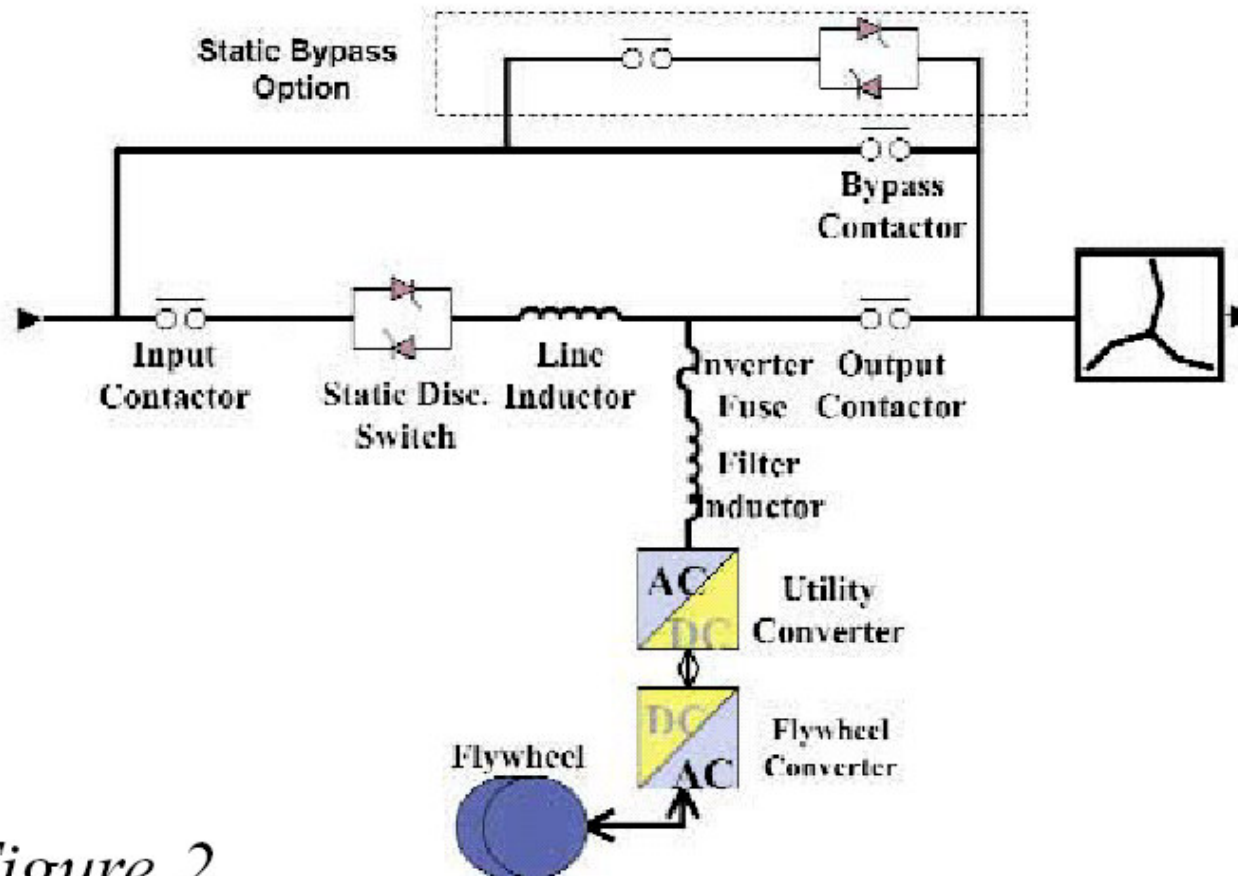


Figure 2

Rotatieve UPS -vliegwielen

CAT UPS 300 Normal Operation

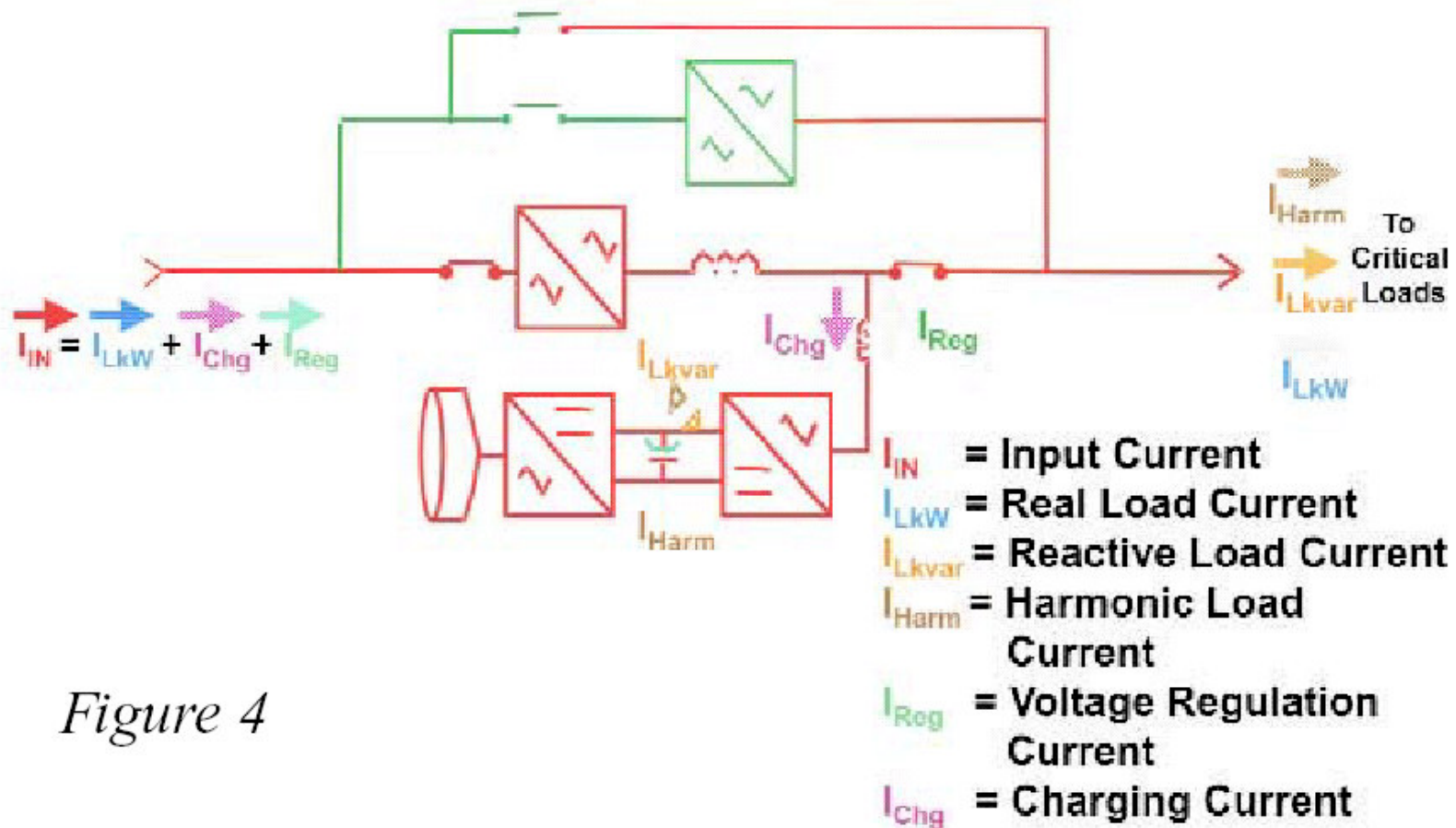


Figure 4

Statische UPS

IEC 62040-3 en ENV 50091-3

- Passive-standby UPS ~~(offline UPS)~~
- Line-Interactive UPS ~~(inline, line-interactive)~~
- Double conversion UPS ~~(online UPS)~~

Statische UPS

Verskillende topologieën :

- Prijs
- Reactietijd
- powerquality

Passive standby

- The inverter is connected in **parallel** and acts simply to **backup** utility power.

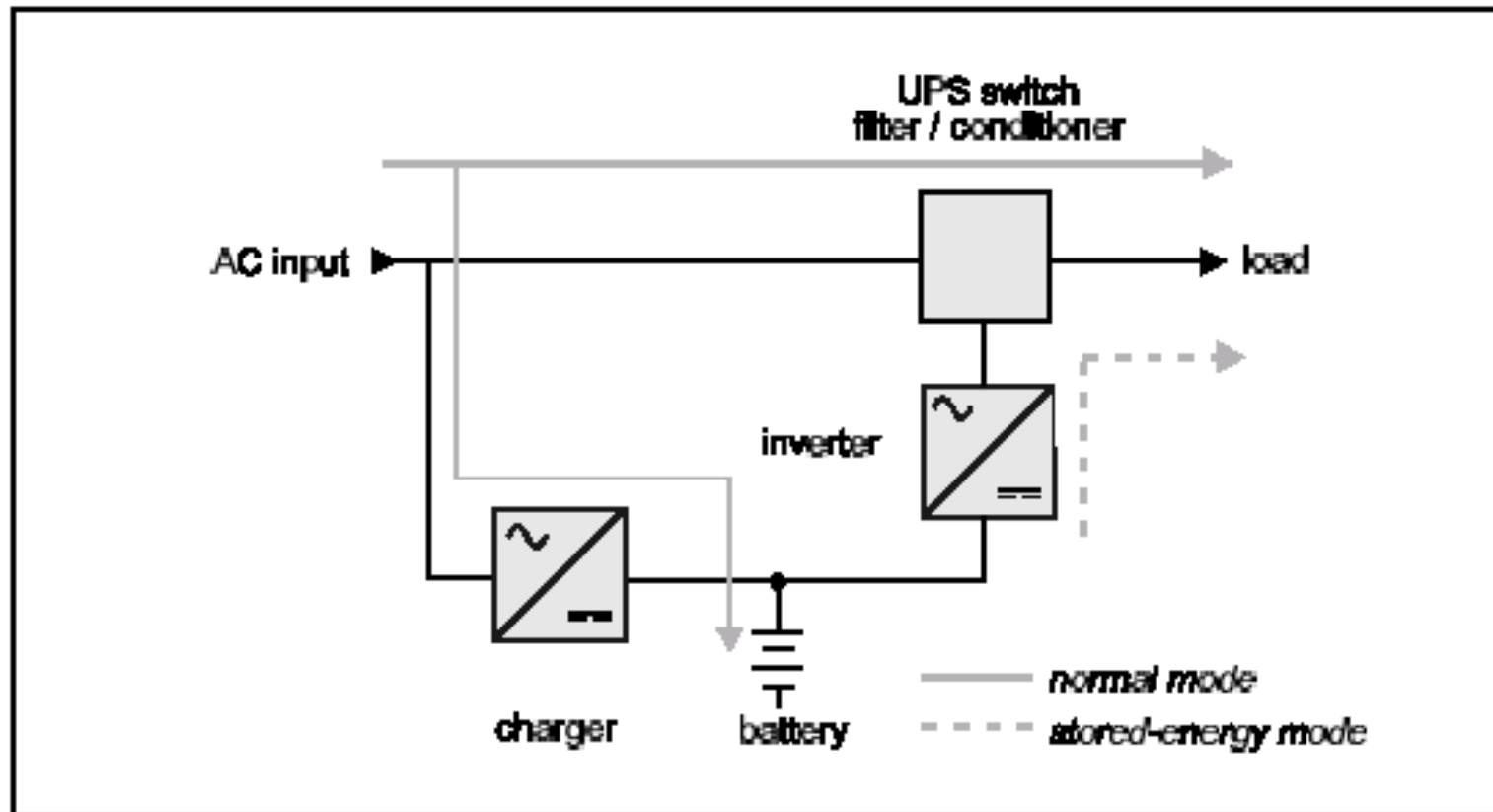
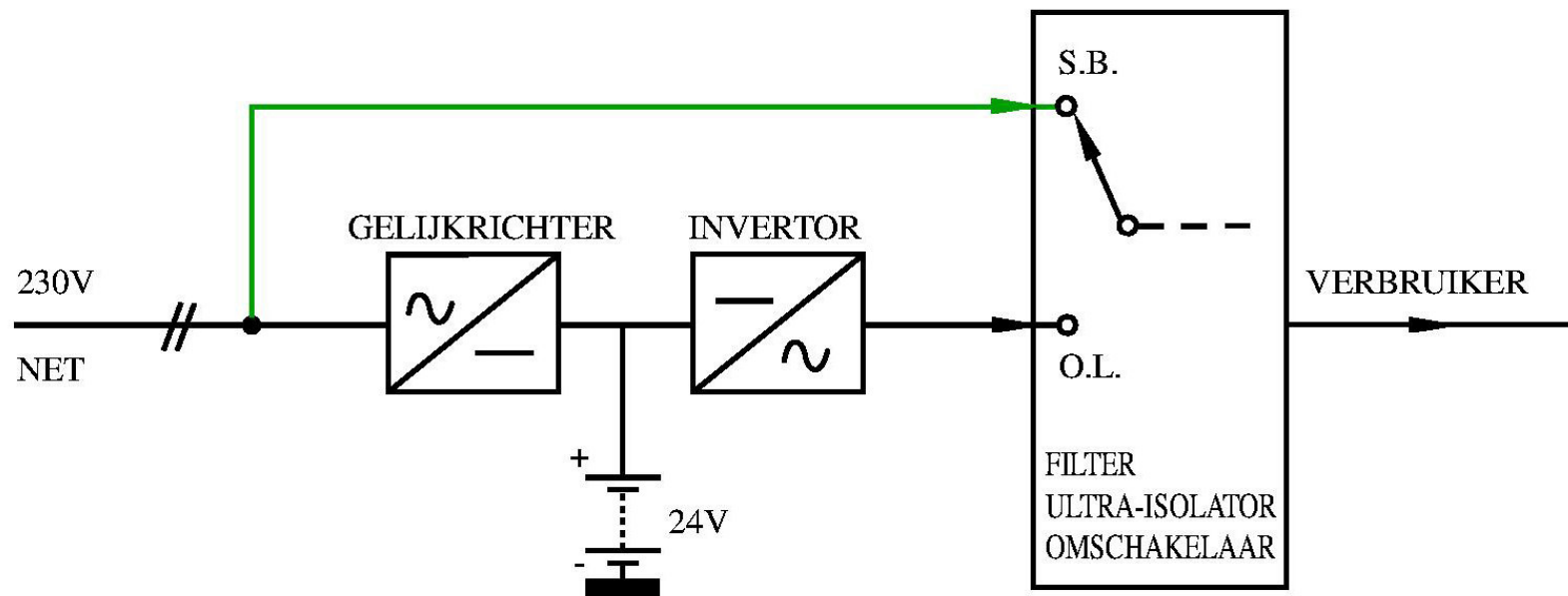


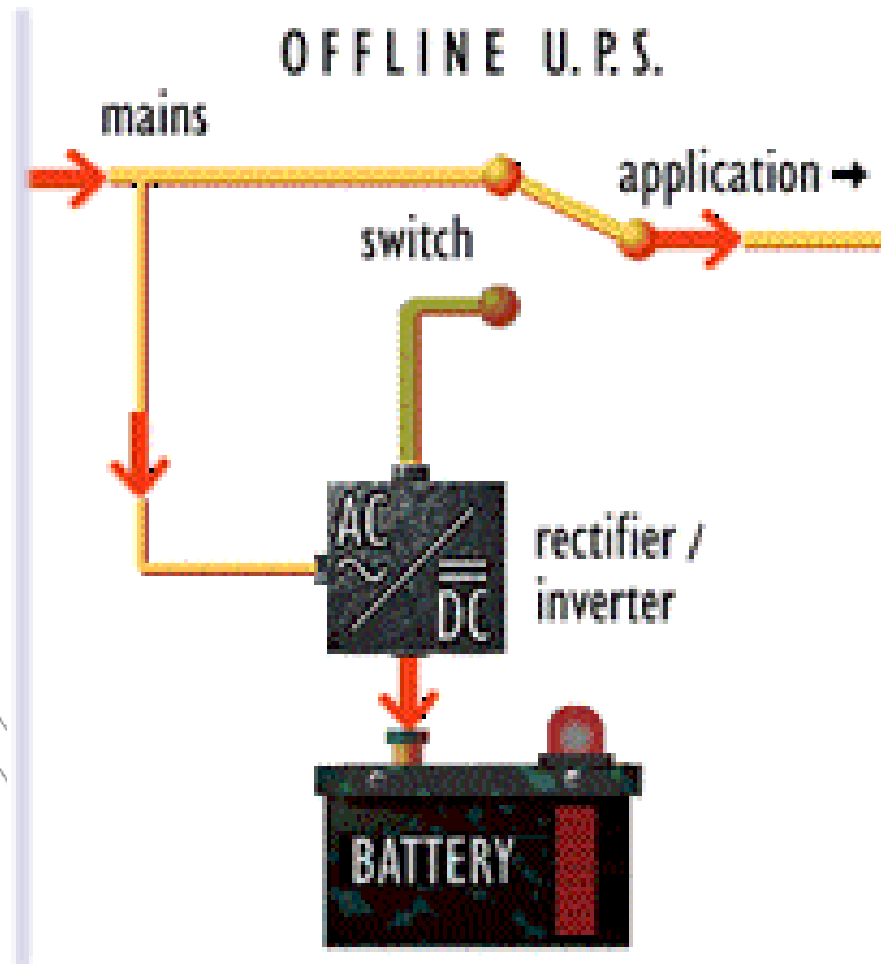
Fig. 3. UPS with the passive standby topology.

Passive standby

- The inverter is connected in **parallel** and acts simply to **backup** utility power.



Passive standby



Line-Interactive

- The inverter is connected in **parallel** and acts to **backup** utility power. It also **charges the battery**. Through its reversible operation, it interacts with utility power

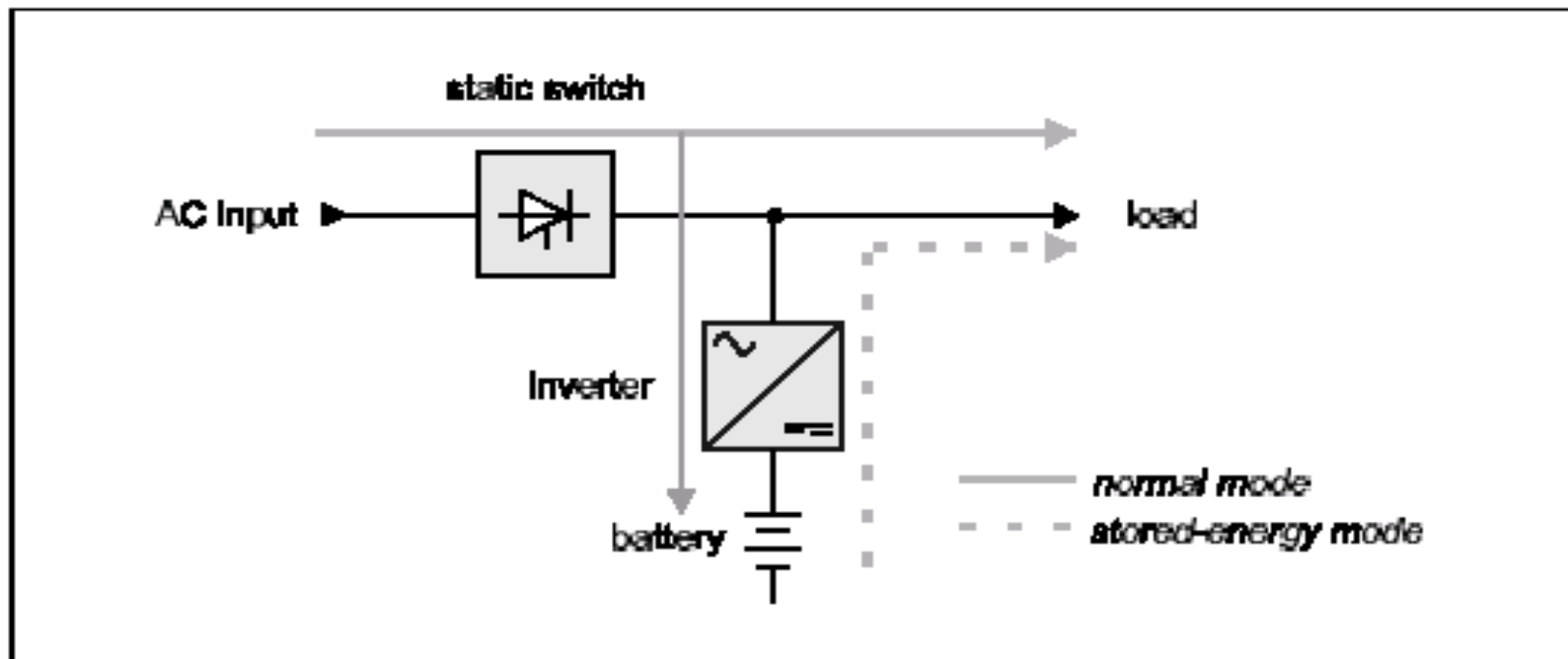
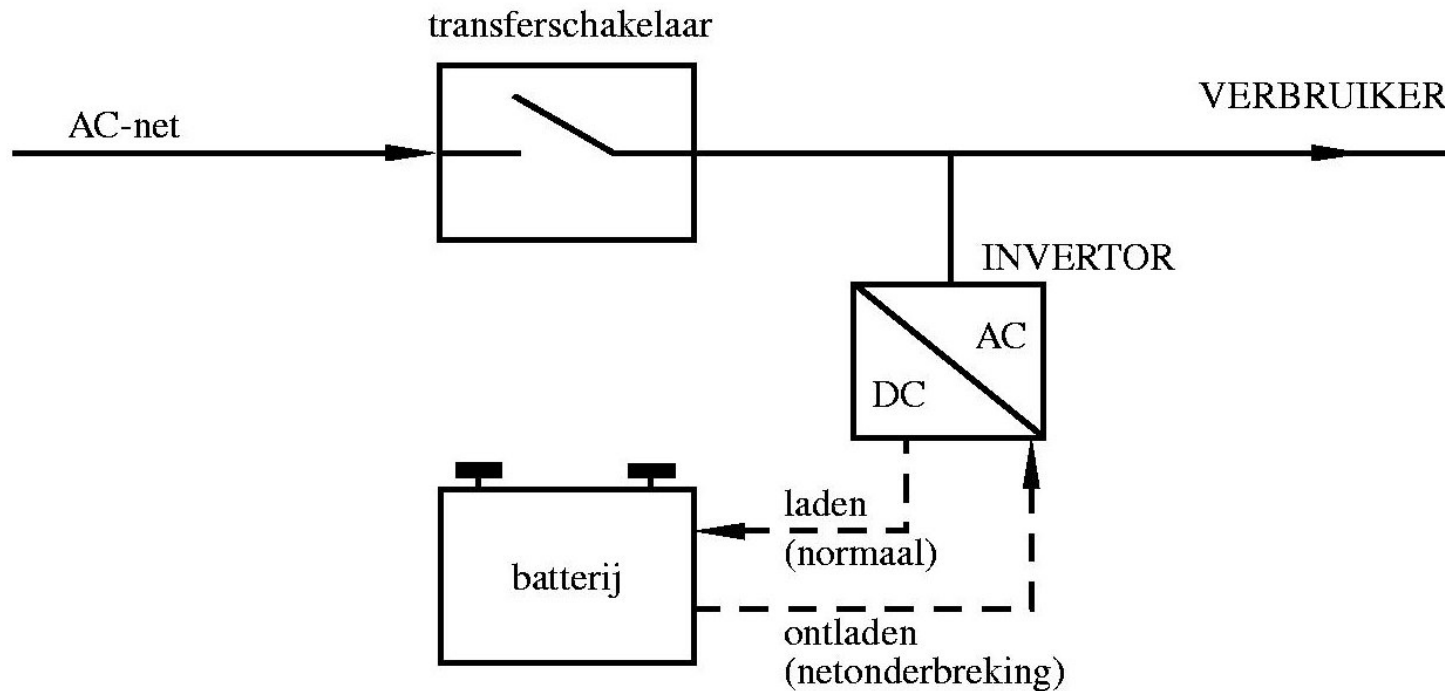


Fig. 4. UPS with the line-interactive topology.

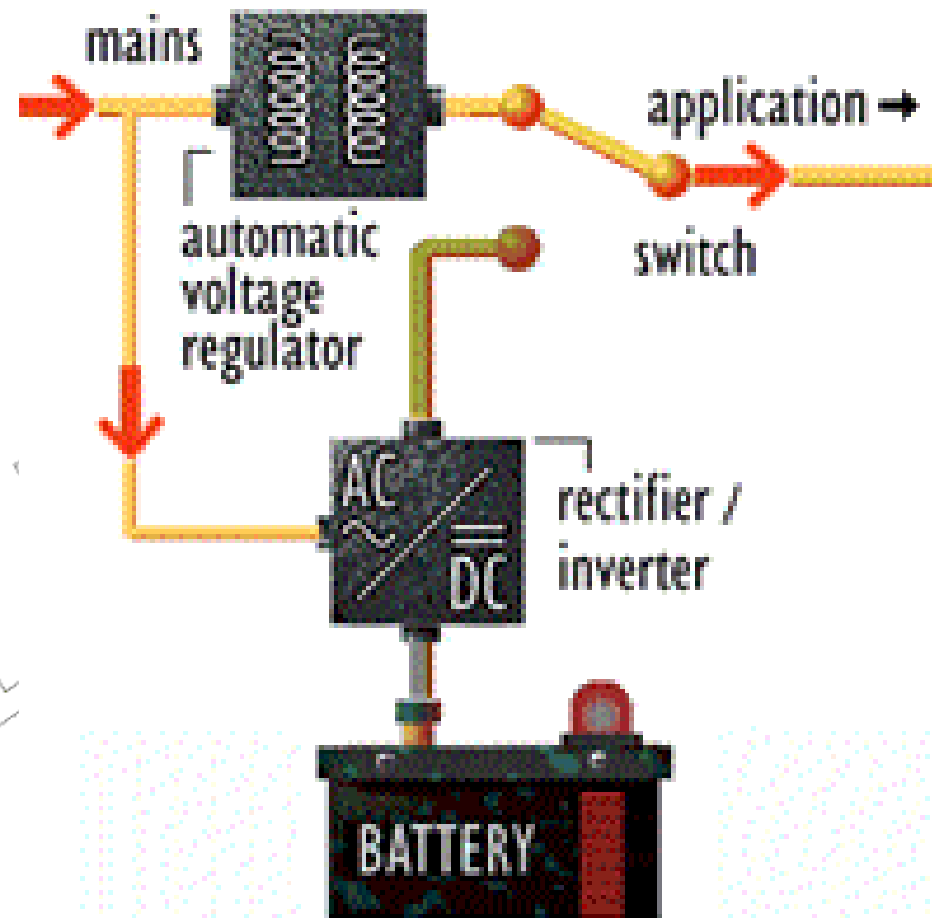
Line-Interactive

- The inverter is connected in **parallel** and acts to **backup** utility power. It also **charges the battery**. Through its reversible operation, it interacts with utility power.



Line-Interactive

LINE INTERACTIVE U.P.S.



Double conversion

- The inverter is connected in series between the AC input and the load. Power for the load flows continuously through the inverter.*

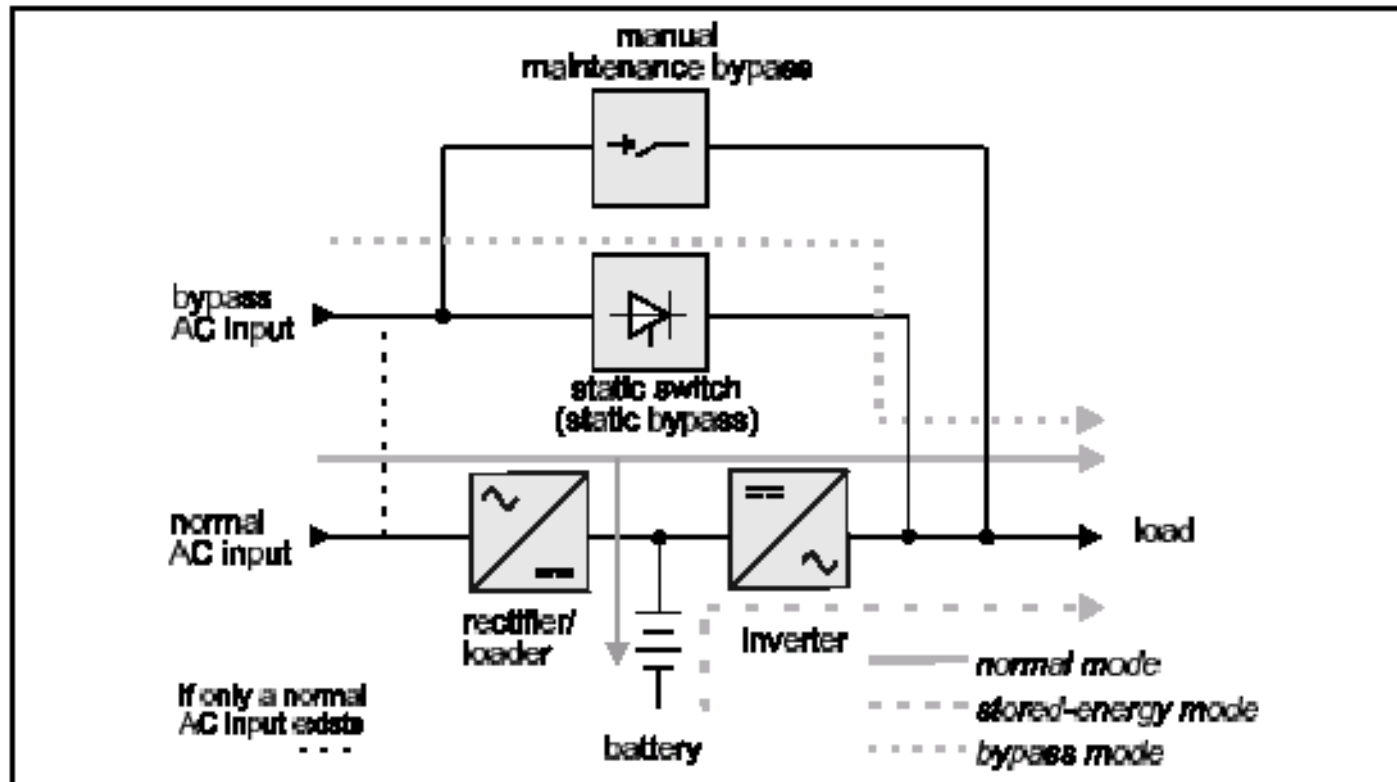
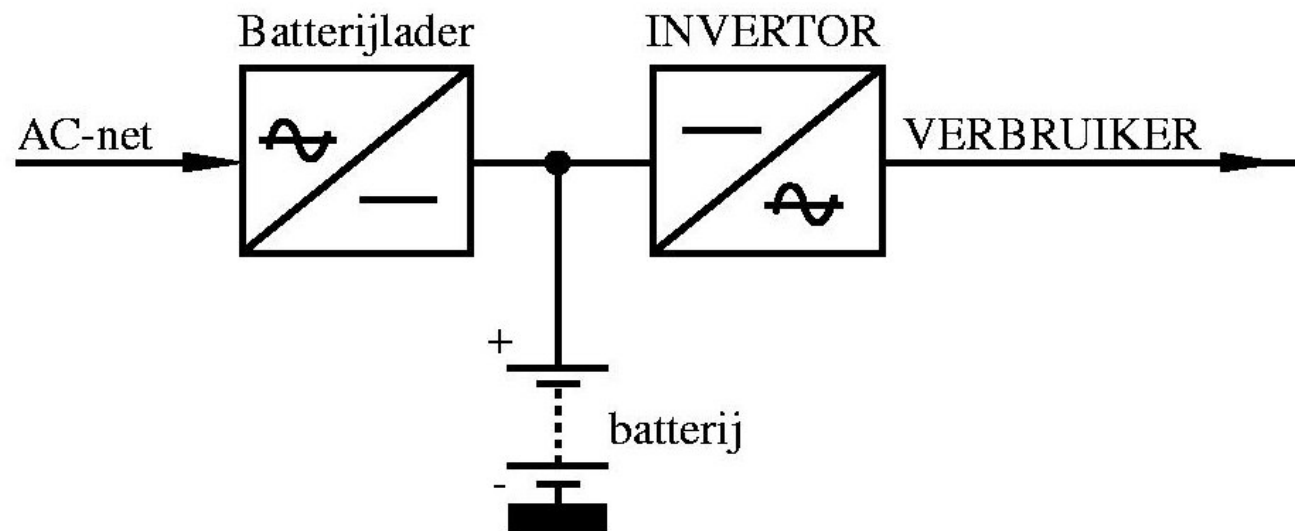


Fig. 5. UPS with the double-conversion topology.

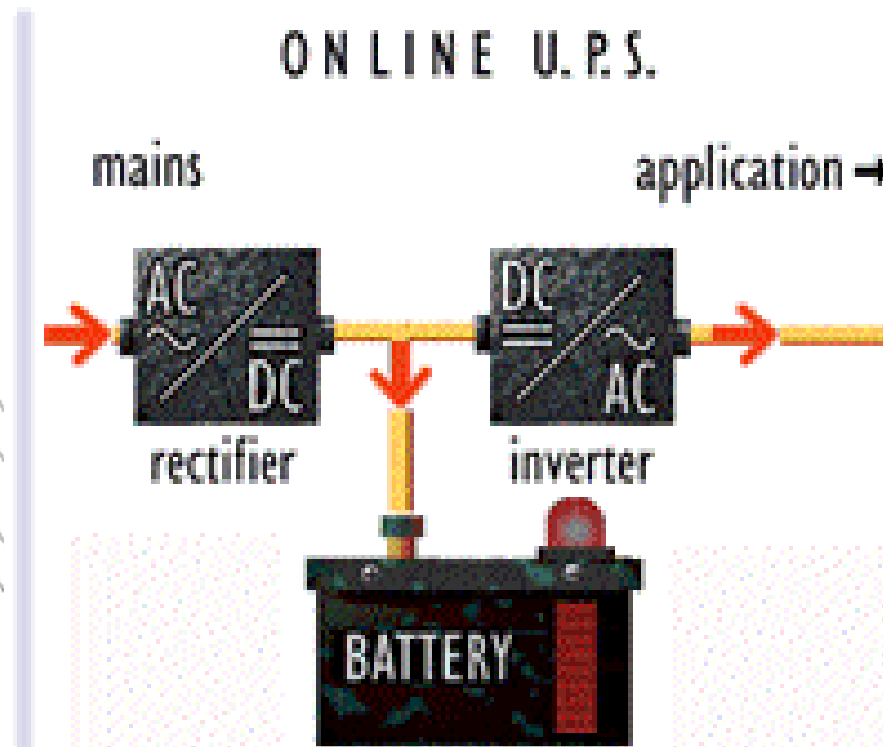
Double conversion

- The inverter is connected in series between the AC input and the load. Power for the load flows continuously through the inverter.*

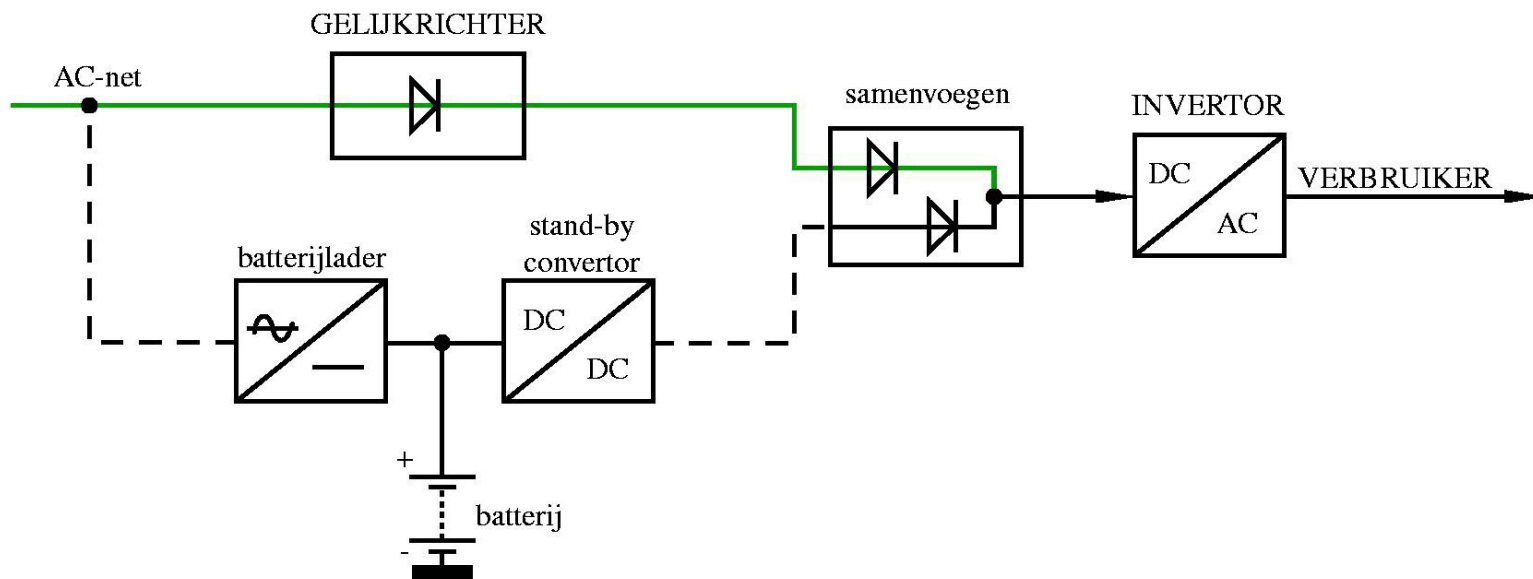


Double conversion

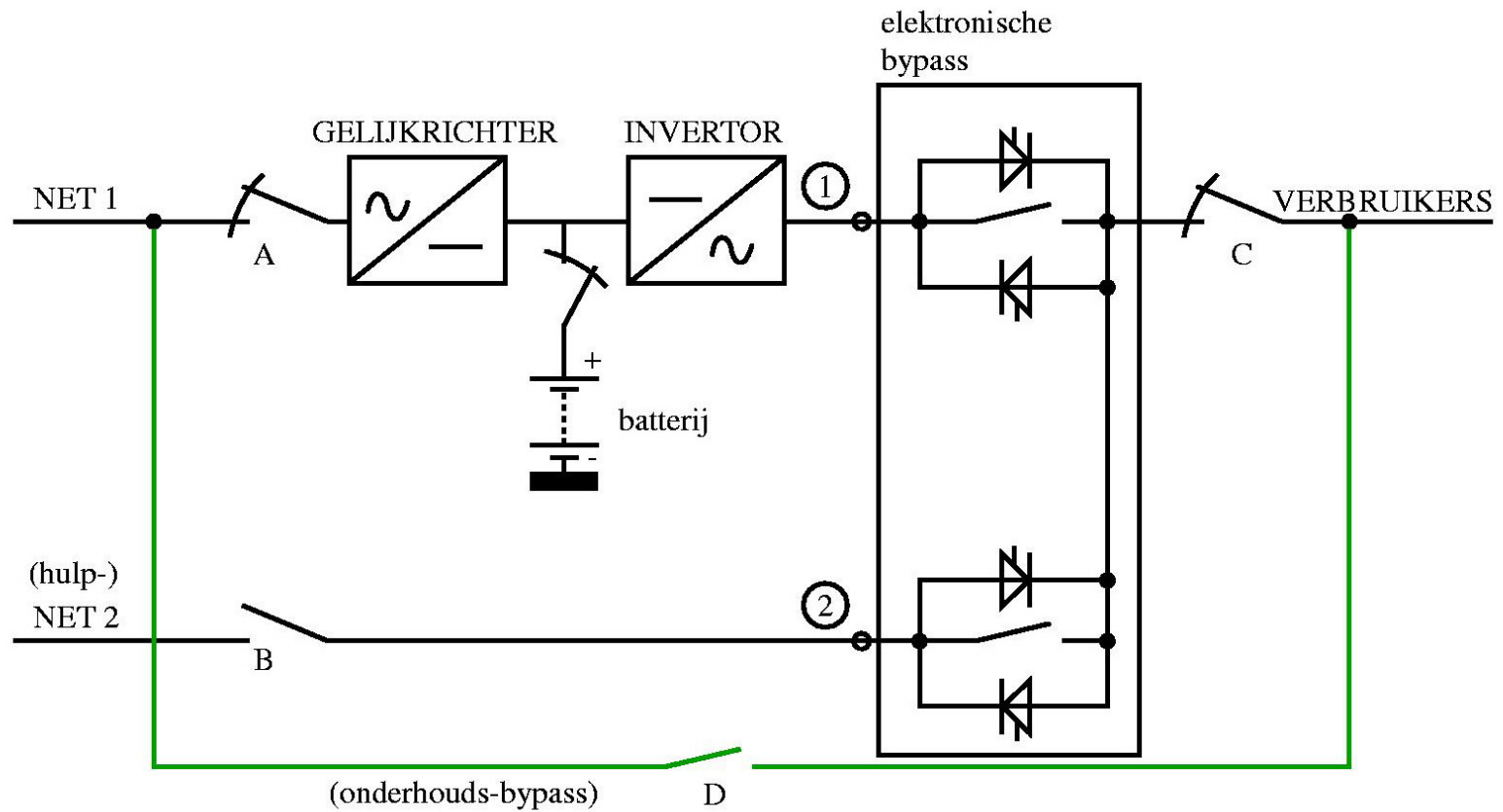
- The inverter is connected in series between the AC input and the load. Power for the load flows continuously through the inverter.*

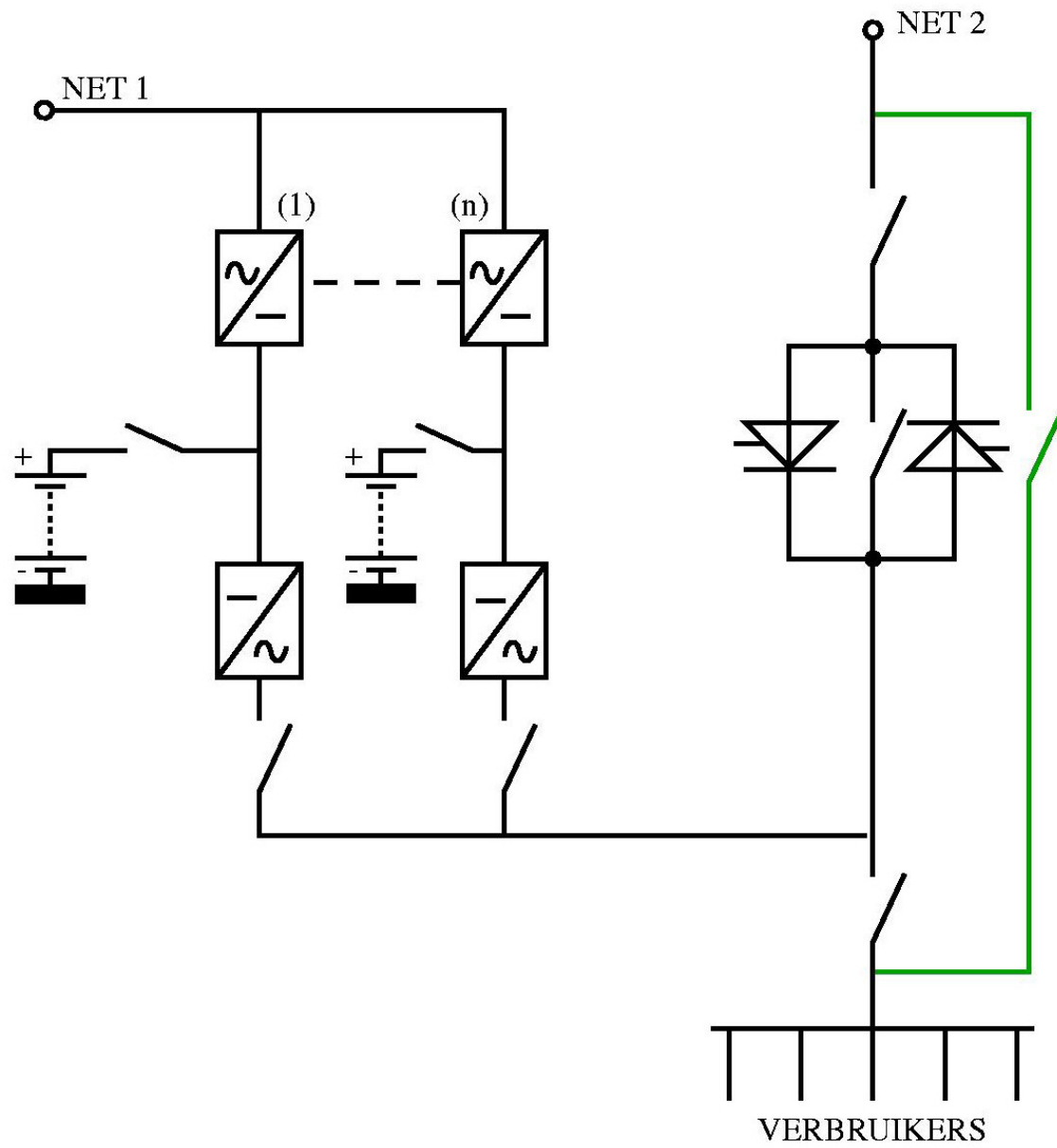


Andere topologieën



Redundantie





prijsverhoudingen

prijslijst