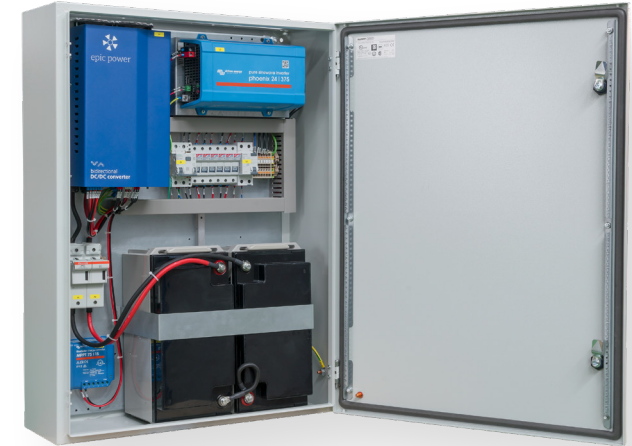
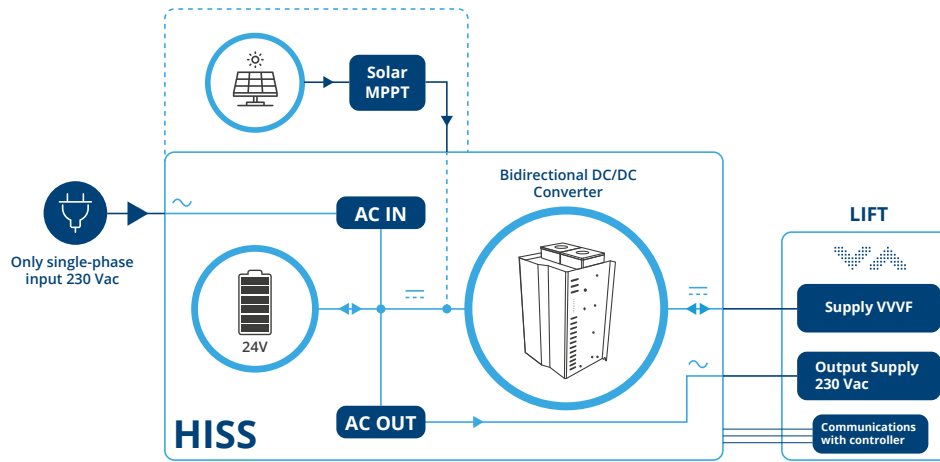


HISS

Homelift Intelligent Supply System

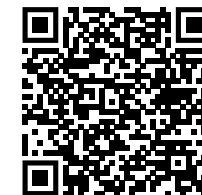


HISS is an intelligent supply system for electric HOMELIFTS, feeding the elevator from a single-phase mains socket at 200W max power consumption. The included accumulators allow continuous operation after a blackout or in the case of mains failure.

The option of adding a solar panel to the system makes net ZERO energy consumption during daylight.

- ✔ Intelligent supply system.
- ✔ Connection to a 230 Vac socket 200W peak power.
- ✔ Recovering and storing the homelift's generated energy.
- ✔ Large number of trips in case of mains failure.
- ✔ Avoids occupant getting stuck in homelift.
- ✔ Very simple solar panel connectivity.
- ✔ Quick and efficient installation even for existing homelifts.

	HISS 2kW	HISS 3kW	HISS 4kW
Maximum input power	200 W	200 W	200 W
Input voltage	230 Vac - (90 ~ 305 Vac - 47 ~ 63Hz)		
Nominal output power (to VVVF drive)	2000 W	3000 W	4000 W
Maximum output power (to VVVF drive)	2200 W	3300 W	4400 W
Output voltage (to VVVF drive)	300 Vdc - Compatible with 230 Vac single-phase drives. Soft Start - Drive can be started as many times as required without compromising life cycle		
Maximum output power @ 230 Vac	400 W or 700 W (different options available)		
Energy storage	24 Vdc From 1kWh up to requirements		
Allied with the sun	One or two 72-cell solar panels in parallel (optional)		



Documentation

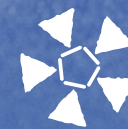
VVVF drive connections



ENERGY INTELLIGENCE FOR LIFTS



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