soleos

reCUBE

Energy that makes your day.

We developed the reCUBE for the emission-free current supply of areas remote from the grid.

The core of the mobile power supply unit is a KACO isolated inverter of type K 3000. The K 3000 is distinguished by two important characteristics: It is extremely resistant to overload and easily copes with high ambient temperatures.

Sunlight is converted to electrical current with the aid of a 1.3 kilowatt PV generator and this is then stored in a battery bank.

If desired, we deliver the reCUBE with a wind generator: It supports the system by supplementing the solar energy at night or in the months with low solar irradiation. Diesel generators are superfluous as the current supply is ensured around the clock and at any time of year.
The reCUBE is designed as a container and can be installed in a few hours.

The technical data shown below is exemplary. If you provide us with your requirements, we gladly design a customized reCUBE for you.

Highlights

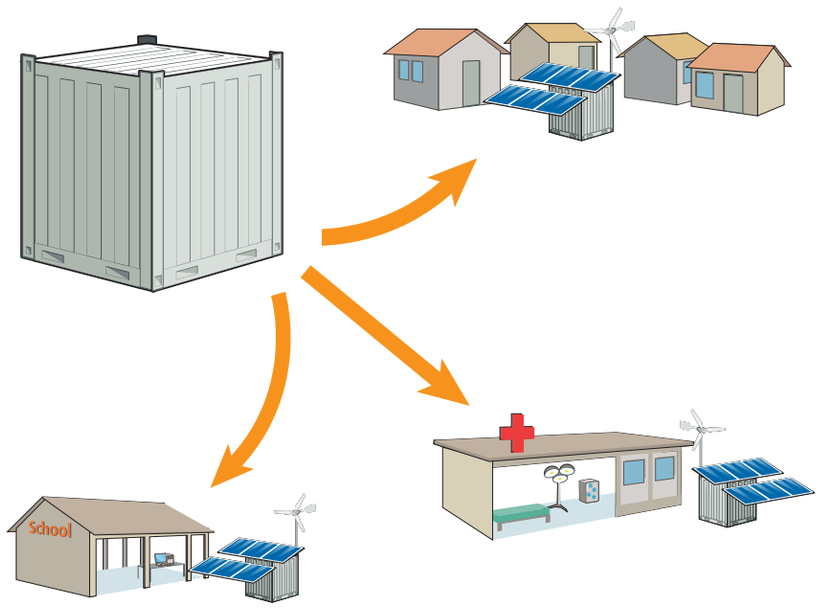
- Self-contained system
- Easy installation within hours
- Maintenance-free
- Renewable energy sources: photovoltaic and wind
- Rugged and reliable quality made by KACO
- Protection Class IP43

reCUBE

Technical Data	175-75-4-0.1	175-75-4-1.1	175-00-4-0.1	175-00-4-1.1
Input energy source 1 (PV-Generator)	1750 W	1750 W	1750 W	1750 W
Input energy source 2 (Wind-Generator)	750 W	750 W	–	–
Output voltage	230 V / 50 Hz (different values available on request)			
Rated output power	3000 W			
Output power (5 sec)	4500 W			
Output 1 high priority	operation between 21.6 V - 30.0 V (battery voltage)			
Output 2 low priority	operation between 22.8 V - 30.0 V (battery voltage)			
Battery	420 Ah / 24 V (different values available on reg.)			
Grid integration (change over)*	yes		yes	
Grid integration (online)**	yes			yes
Peak efficiency (internal sinewave inverter)	95 %			
Rated DC-system voltage	24 V			
Cooling	convection			
Protection	IP43			
Connections	output 1, output 2 over internal power socket			
H x W x D	6' container / 1,980 x 1,950 x 1,910 mm			
Weight	1600 kg		1470 kg	

* Mains voltage is switched through to the output. At mains failure the inverter voltage is switched trough to the output terminal (Switch time < 100 ms)
** Mains voltage is used to feed in the DC-voltage link. The inverter is connected to the output terminals at every time (Switch time 0 <ms)

EN 31000801-03-100527



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Your retailer

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