

energybox

Mobile

The energy box is a very flexible, watertight and dustproof portable energy supply unit, meeting a high industry standard.

Independent

Allows to charge everywhere. Always available. Easy to carry and transport.

Safe & durable

High-quality workmanship and an automatic pressure compensation valve ensures a safe and durable operation of the system.

Easy to use

Just 7.5 kg of weight for many hours of power to run your laptop computer and mobile phone.





KSG Energy Box 20 Ah

Components

- Plastic box
- Charge controller
- Batteries
- 2 Cigarettes lighter sockets
- 1 USB socket
- DIN plug

Technical data

Battery:	1 x 12 V / 20 Ah LiFePO 4
Charge controller:	1 x 8 A, 12 / 24 V
Usable energy per battery charge:	190 Wh
Optional:	Module power up to 40 W
Weight (without module):	7,5 kg
Dimensions (L x W x D):	425 x 335 x 170 mm

Dimensioning of the battery capacity and the module power are dependent on location.

Optional accessory

- Folding solar module 12 V, 30 W
- Retractable solar module 12 / 24 V, 40 W
- External charger
- Adapter for different laptop connections
- Adapter for different mobile phone connections

Example of an application

The fully charged battery of this system supplies energy for appliances such as:

Energy-saving bulb (7W)	up to 25.0 hours
Laptop (50W)	up to 3.5 hours

only 7.5 kg

weight advantage due to modern LiFePO4 batteries with 1 x 20 Ah

Engineering and implementation
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