

≡ Akku Cooler

Electric cooler 12V / 230V + Li-Ion power battery

ZORN[®]
QUALITY COOLERS



Plus 20 hours
active cooling
without
external power
supply

The Akku Cooler

Hot
—
Cold

Advantages at a glance

- The new ZORN E Akku Cooler now makes cooling really mobile
- Chilled food and drinks "To Go" wherever and whenever you want
- The powerful Li-Ion battery extends active cooling up to 20 hours in Eco cooling mode and up to 5 ½ hours at maximum cooling function

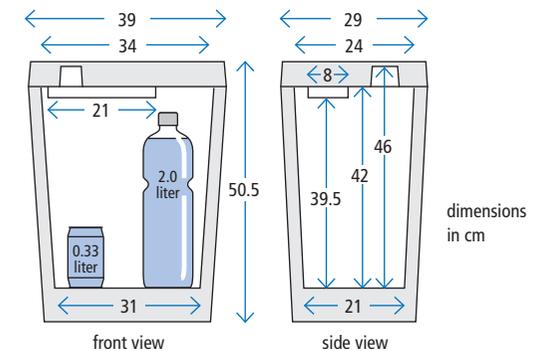
Performance characteristics:

- With temperature control and power consumption control, works with any power supply: 230 volt / 12 volt car battery / and battery operation
- High performance Peltier cooling system, cools without any cooling liquids up to 20°C below the outside temperature plus energy-saving Eco cooling function
- Energy efficiency class D (Scala A to G)
- High-quality insulating foam with a long-lasting insulating effect supports energy saving
- Hygienic food-grade PP material, 100% recyclable
- NEW: With Heating Function up to 60°C



Practical equipment:

- 30 liter capacity holds 2 liter bottles standing
- Large cable compartment with fixed connection cables for 230 volts / 12 Volt and battery
- Powerful cooling unit cools food and beverages up to 20°C below ambient temperature
- Stable handle, locks lid when carrying; lid fixation by handle for open lid.



The Li-Ion power battery

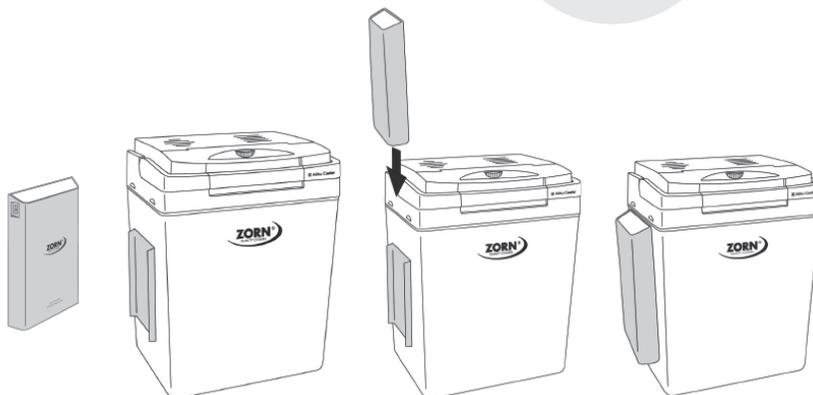
Practical equipment:

- Powerful lithium-ion power battery with 20,800 mAh and 11.1 volt output (charging voltage 12.6 volt) enables active cooling of the cool box for up to 20 hours in Eco mode and up to 5½ with maximum cooling function.
- The battery has a modern and safe battery management system that prevents overcharging and deep discharge to protect the battery.
- Available light-emitting diodes provide information about the charge status of the battery.
- Inclusive charger for recharging the battery (100-240 volts / output 12.6V / 3 A). Charging time only approx. 8½ hours.
- Special guide rail securely attaches the battery to the outer wall of the cool box.
- Battery easily removable at any time.
- Safe handling of the battery: The battery has only one socket that is used to charge the battery and to power the cool box.



Active cooling for up to 20 hours without a mains connection!

The Innovation in mobile cooling



Test at 22°C outside temperature:

Battery life	5 hours	7 hours	10 hours	20 hours
Delta T	19	18	15	13
Temperatur cold room	3°C	4°C	7°C	9°C
power consumption	4 Amp	3 Amp	2 Amp	1 Amp

Technical data



Cooling box

• Model:	E Akku Cooler Z 32
• Energy efficiency class:	D (Spektrum A bis G)
• Energy consumption in Eco moder:	Max: 54,385 kWh p.a. equals 0,149 kWh / 24h (230 V)
• Storage volume:	ca. 30 L
• Clima class:	ST
• Sound emission:	< 27 db
• 12 Volt fuse:	6,3 A
• Safety class:	II
• Insulation:	PU from HFC 245 fa
• Product weight:	4.8 kg without battery
• Gross volume nominated:	ca. 30 Ltr.
• Storage volume for:	8 bottles 1.5 ltr. (hight 35 cm / Diameter 9 cm) 6 bottles 2.0 ltr. (hight: 32cm / 10.5 x 10.5 cm) 1 bottle (max. 43 cm) 42 cans (0.33 ltr.)
• Cooling Performance:	67 W (AC 220 -240V) /48 W (DC 12 V)
• Cooling Performance (Delta T):	up to 20°C below ambient temperature
• Heating Performance:	61 W (AC 220 -240V) / 41 W (DC 12 V)
• Heating Performance (Delta T):	up to 60°C
• Productdimension (w/o. packaging):	39 x 29 x 50.5 cm (LxWxH)

Li-Ionen Power Akku



• Model Type:	11.1 V, 20.8 Ah (230.88 Wh)
• Size:	ca. 270 x 204 x 36 mm
• Weight:	ca. 1720 g
• Cells:	3 x 8 / (3S8P)
• Cell chemie:	NMC (Lithium Nickel Magnesium Cobald Oxide)
• Integrated overcharge and discharge protection:	(short circuit protection / over voltage protection)
• Charging Voltage:	12.6 V
• Life Cycles:	> 500
• Charging ambient temperature suggested:	0° up to bis 45°C
• Discharging ambient temperature suggested:	-20 up to 60°C
• Storage temperature (5% up to 85% RH):	1 year: 0°C to 30°C 3 months: - 20°C to 35°C 1 month: - 20°C to 45°C



Battery Charger



• Model:	MYX-1263000
• Input:	100 – 240 V
•	50 – 60Hz, 0.8 A Max.
• Output:	12.6 V / 3 A
• LED Light	(red light = charging process is on / green light= charging completed)



Zorn GmbH
 Ezetilstrasse 1
 35410 Hungen
 Germany
 T +49 (0) 6402 519 06 11
 F +49 (0) 6402 519 06 19
 info@zorn-company.com
 www.zorn-company.com