



**Article number:** 231 598  
**Description:** DC KS 50

Operating voltage  $U_b$  11-15/22-30 V DC

Max. current consumption  
Where  $U_b = 12$  V DC  $I_{max}$  3.5 A  
Where  $U_b = 24$  V DC  $I_{max}$  2.5 A

Permitted ambient temperature: <30 °C

Energy requirements at 20 °C  
Average daily ambient temperature  
Operating type T high Normal 90 Wh  
Operating type T low Normal 175 Wh  
Operating type T high Vaccine 200 Wh  
Operating type T low Vaccine 500 Wh

Energy requirements at 25 °C  
Average daily ambient temperature  
Operating type T high Normal 250 Wh  
Operating type T low Normal 400 Wh  
Operating type T high Vaccine 800 Wh  
Operating type T low Vaccine >1000 Wh

Capacity 50 l

Dimensions (W x H x D): (46 x 63.5 x 50) cm  
Weight 18 kg

## Refrigerator DC KS 50

The DC-operated, Peltier element **DC KS 50** fridge is suitable for refrigeration of domestic foodstuffs. This refrigerator has been especially designed for use with battery powered or battery assisted solar energy systems. If the solar energy system is correctly dimensioned, this fridge will refrigerate to between 7 and 11 °C.

This fridge can be operated in three different modes, selectable by a 3-step switch:

- Normal position:
  - Normal operation with energy management function
- Off position:
  - Device switched off
- Vaccine position
  - Operation at constant temperature without Energy Management function

The desired interior temperature can be selected using the 2-step temperature selector switch:

- T low:
  - 7 – 10 °C during normal operation or
  - 5 °C during operation at constant temperature
- T high:
  - 11 – 14 °C during normal operation or
  - 8 °C during operation at constant temperature

## Quality features, certificates

- Energy Management function, in conjunction with charge regulator 20 A or charge regulator 40 A
- CE compliance