



## Steca PF 166

### Solar freezer

The Steca PF166 is the most energy saving DC fridge and freezer combination for all DC and solar applications, also for medical clinics and medicine cooling. The device can be used either as a fridge or as a freezer. The user can also fully programme the unit and adjust the temperature inside the cooling compartment individually.

Due to the latest A++ cooling technology in combination with optimised electronic regulation and compressor speed control Steca provides optimal use of energy. This leads to cost savings as the size of the necessary PV off-grid system can be reduced in comparison to other DC fridges.

User friendliness, highest quality, reliability and maintenance free long life time are important characteristics of this innovative product. The device can either run with 12 V or 24 V input voltage.

### Features

- A++ cooling technology
- Lockable lid
- Compressor speed control
- Automatic selection of 12 V / 24 V
- Temperature fully programmable
- Fridge or freezer in one cabinet
- Applicable for all DC applications

### Display

- User friendly display
- Digital temperature display

### Protection

- Wrong polarity protection
- Low voltage disconnection (lvd)
- Power breakdown display
- Automatic reconnection after LVD

### Special features

- Unit runs on a single 70 W module in most climates
- Fast cooling due to compressor speed control
- Low maintenance and easy to clean

### Technical data

Steca PF166		
System voltage	12 V	24 V
Energy efficiency class	A++	
Cooling method	compressor	
Energy optimised speed control	yes	
Full digital and electronic control system	yes	
Configurable	yes	
Usable cooling volume	166 liters (5,9 ft <sup>3</sup> )	
Input voltage range	10 V to 17 V	17 V to 31.5 V
Deep discharge protection	10.4 V	22.8 V
Automatic switch-on threshold	11.7 V	24.2 V
Max. power consumption	40 - 100 W	
Recommended fuses	15 A	7.5 A
Refrigerator or freezer function	adjustable	
Adjustable internal temperature	yes	
Refrigerator temperature range	2 °C   35.6 °F – 12 °C   53.6 °F	
Freezer temperature range	-20 °C   -4 °F – -10 °C   14 °F	
Ambient temperature range	10 °C   50 °F – 43 °C   109 °F	
Display	digital temperature display in lid	
Hanging baskets	2	
Freezer trays	3	
Lock	yes	
Cold battery	1	
Celsius/Fahrenheit temperature display	adjustable	
Display brightness	adjustable	
Automatic energy-saving mode	yes	
WHO Certificate	no	
External dimensions h x w x d	91.7 x 87.2 x 70.9 cm 36.1 x 34.33 x 27.91 inch	
Weight	61 kg   134 lbs	

Technical data at 25 °C / 77 °F



### Certificates

- Conform to European Standards (CE)
- Proved for solar applications
- Made in EU ISO 9001 and 14001 facility
- CFC-free (R-134a)
- RoHS Compliant