

Features and Technical Specifications

Steca PF 166



The steca PF 166 is the most energy saving DC fridge and freezer combination for all DC and solar applications, also for medical clinics and medical cooling. The device can be used either as a fridge or as a freezer. The user can also fully program the unit and adjust the temperature inside the cooling compartment individually.

Due to the latest A++ cooling technology in combination with optimized electronic regulation and compressor speed control steca provides optimal use of energy. This leads to cost saving as size of the necessary PV offgrid 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 in one cabinet
- fridge or freezer in one cabinet
- applicable for all DC applications

Displays

- 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

Steca PF166		
System voltage	12V	24v
Energy efficiency class	A++	
Cooling method	compressor	
Energy optimized speed control	yes	
Full digital and electronic control system	yes	
Configurable	yes	
Usable cooling volume	166 liters (5,9 ft)	
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
Maximum power consumption	40 - 100W	
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 tray	3	
Lock	yes	
Cold battery	1	

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