



Philadelphia
Solar

فيلادلفيا

للطاقة الشمسية

Delivering Clean Energy Solutions

Philadelphia Products | PHILADELPHIA SOLAR FRIDGE / FREEZER

■ FEATURES

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

■ DISPLAY

- User friendly display
- Digital temperature display

■ PROTECTION

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

■ CERTIFICATES

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



■ TECHNICAL DATA

Technical Data				
System voltage	12 V	24V	Refrigerator temperature range	2 °C 35.6 °F - 12 °C 53.6 °F
Energy efficiency class	A++		Freeze temperature range	-20 °C -4 °F - -10 °C 14 °F
Cooling method	compressor		Ambient temperature range	10 °C 50 °F - 43 °C 109 °F
Energy optimized speed control	yes		Display	digital temperature display in lid
Full digital and electronic control system	yes		Hanging baskets	2
Configurable	yes		Freezer trays	3
Usable cooling volume	166 liters (5.9 ft3)		Lock	Yes
Input voltage range	10 V to 17 V	17 V to 31.5 V	Cold battery	1
Deep discharge protection	10.4 V	22.8 V	Celsius / Fahrenheit temperature display	adjustable
Automatic switch-on threshold	11.7 V	24.2 V	Display brightness	adjustable
Maximum power consumption	40 – 100 W		Automatic energy-saving mode	yes
Recommended fuses	15 A	7.5 A	WHO certificate	no
Refrigerator or freezer function	adjustable		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
Adjustable internal temperature	yes		Weight	61 kg 134 lbs