Solar Refrigerators

LIFE

dara®
www.dara.es/ener

Solar Refrigerators

92 litres

- Fully hermetic domus compressor with integrated control electronics.
- Cooling performance: 0-10 °C for the fridge -18 °C for the freezer,adjustable via thermostat.
- Automatically turn off when low input voltage to protect product
- Enviroment-friendly refrigerant R134a
- Connect with DC power source directly e.g.solar power source
- Connect with AC power source through an AC/DC adapter
- High temperature resistance design and energy saving design.

Power consumption:	60W
Input voltage:	DC12V/24V
Capacity:	82L - fridge 10L - freezer
Product size (mm):	470 (L)*475(W)*815(H)
Carton size (mm):	505(L)*475(W)*815(H)
N.W./G.W.(KG):	23/26
Accessory (optional):	AC/DC adaptor

Solar panel 120 W
Battery 100 Ah
Charge Controller 12V/24V - 15A

118 litres

- Fully hermetic domus compressor with integrated control electronics,
- With upper freezer apartment and lower refrigerate apartment
- Cooling performance:0-10ºC for the fridge -18ºC for the freezer,adjustable via thermostat
- Automatically turn off when low input voltage to protect prouct
- Enviroment-friendly refrigerant R134a
- Connect with DC power source directly e.g.solar power source
- Connect with AC power source through an AC/DC adapter
- High temperature resistance design and energy saving design

Power consumption:	72W
Input voltage:	DC12V/24V
Capacity:	76L - fridge 42L - freezer
Product size (mm):	470 (L)*475(W)*1165(H)
Carton size (mm):	505(L)*535(W)*1205(H)
N.W./G.W.(KG):	30/33
Accessory (optional):	AC/DC adaptor

Solar panel 160 W
Battery 120 Ah
Charge Controller 12V/24V - 15A

142 litres

- Fully hermetic domus compressor with integrated control electronics.
- With upper freezer apartment and lower refrigerate apartment
- Cooling performance: 0-10 °C for the fridge -18 °C for the freezer,adjustable via thermostat
- Automatically turn off when low input voltage to protect prouct
- Enviroment-friendly refrigerant R134a
- Connect with DC power source directly e.g.solar power source
- Connect with AC power source through an AC/DC adapter
- High temperature resistance design and energy saving design

Power consumption:	72W
Input voltage:	DC12V/24V
Capacity:	100L - fridge 42L - freezer
Product size (mm):	470 (L)*475(W)*1265(H)
Carton size (mm):	505(L)*535(W)*1305(H)
N.W./G.W.(KG):	32/35
Accessory (optional):	AC/DC adaptor

Solar panel 160 W
Battery 120 Ah
Charge Controller 12V/24V - 15A

158 litres

- Fully hermetic domus compressor with integrated control electronics.
- Cooling performance: 0-10 °C for the fridge -18 °C for the freezer,adjustable via thermostat.
- Automatically turn off when low input voltage to protect product
- Enviroment-friendly refrigerant R134a
- Connect with DC power source directly e.g.solar power source
- Connect with AC power source through an AC/DC adapter
- High temperature resistance design and energy saving design.

Power consumption:	72W
Input voltage:	DC12V/24V
Capacity:	98L - fridge 60L - freezer
Product size (mm):	500 (L)*530(W)*1370(H)
Carton size (mm):	555(L)*605(W)*1430(H)
N.W./G.W.(KG):	41/45
Accessory (optional):	AC/DC adaptor

Solar panel 180 W
Battery 150 Ah
Charge Controller 12V/24V - 15A

176 litres

- Fully hermetic domus compressor with integrated control electronics,
- With upper freezer apartment and lower refrigerate apartment
- Cooling performance:0-10ºC for the fridge -18ºC for the freezer,adjustable via thermostat
- Automatically turn off when low input voltage to protect prouct
- Enviroment-friendly refrigerant R134a
- Connect with DC power source directly e.g.solar power source
- Connect with AC power source through an AC/DC adapter
- High temperature resistance design and energy saving design

Power consumption:	72W
Input voltage:	DC12V/24V
Capacity:	116L - fridge 60L - freezer
Product size (mm):	500 (L)*530(W)*1450(H)
Carton size (mm):	555(L)*605(W)*1505(H)
N.W./G.W.(KG):	43/47
Accessory (optional):	AC/DC adaptor

Solar panel 180 W
Battery 150 Ah
Charge Controller 12V/24V - 15A

Ideal for Restaurants & Shops

208 litres

- Fully hermetic domus compressor with integrated control electronics.
- With upper freezer apartment and lower refrigerate apartment
- Cooling performance: 0-10 °C for the fridge -18 °C for the freezer,adjustable via thermostat
- Automatically turn off when low input voltage to protect prouct
- Enviroment-friendly refrigerant R134a
- Connect with DC power source directly e.g.solar power source
- Connect with AC power source through an AC/DC adapter
- High temperature resistance design and energy saving design

Power consumption:	72W
Input voltage:	DC12V/24V
Capacity:	208 L
Product size (mm):	490 (L)*600(W)*1760(H)
Carton size (mm):	565(L)*655(W)*1835(H)
N.W./G.W.(KG):	49/55
Accessory (optional):	AC/DC adaptor

Solar panel 200 W
Battery 150 Ah
Charge Controller 12V/24V - 15A

118 litres

• Fully hermetic domus compressor with integrated control electronics.
• Cooling performance: 0-10 ℃ for the fridge -18 ℃ for the freezer,adjustable via thermostat.
• Automatically turn off when low input voltage to protect product
• Enviroment-friendly refrigerant R134a
• Connect with DC power source directly e.g.solar power source
• Connect with AC power source through an AC/DC adapter
• High temperature resistance design and energy saving design.

Power consumption:	60W
Input voltage:	DC12V/24V
Capacity:	118 Litres
Product size (mm):	740 (L)*615(W)*840(H)
Carton size (mm):	810(L)*620(W)*880(H)
N.W./G.W.(KG):	29/33
Accessory (optional):	AC/DC adaptor

Solar panel 150 W
Battery 120 Ah
Charge Controller 12V/24V - 15A

138 litres

• Fully hermetic domus compressor with integrated control electronics,
• With upper freezer apartment and lower refrigerate apartment
• Cooling performance:0-10ºC for the fridge -18ºC for the freezer,adjustable via thermostat
• Automatically turn off when low input voltage to protect prouct
• Enviroment-friendly refrigerant R134a
• Connect with DC power source directly e.g.solar power source
• Connect with AC power source through an AC/DC adapter
• High temperature resistance design and energy saving design

Power consumption:	72W
Input voltage:	DC12V/24V
Capacity:	138 Litres
Product size (mm):	870 (L)*570(W)*840(H)
Carton size (mm):	915(L)*600(W)*870(H)
N.W./G.W.(KG):	32/35
Accessory (optional):	AC/DC adaptor

Solar panel 160 W
Battery 120 Ah
Charge Controller 12V/24V - 15A

238 litres

• Fully hermetic domus compressor with integrated control electronics.
• With upper freezer apartment and lower refrigerate apartment
• Cooling performance: 0-10 ℃ for the fridge -18 ℃ for the freezer,adjustable via thermostat
• Automatically turn off when low input voltage to protect prouct
• Enviroment-friendly refrigerant R134a
• Connect with DC power source directly e.g.solar power source
• Connect with AC power source through an AC/DC adapter
• High temperature resistance design and energy saving design

Power consumption:	80W
Input voltage:	DC12V/24V
Capacity:	238 L
Product size (mm):	1050 (L)*660(W)*940(H)
Carton size (mm):	1105(L)*675(W)*980(H)
N.W./G.W.(KG):	40/44
Accessory (optional):	AC/DC adaptor

Solar panel 200 W
Battery 150 Ah
Charge Controller 12V/24V - 15A

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dara®

318 litres

•Fully hermetic domus compressor with integrated control electronics.
•Cooling performance: 0-10 ºC for the fridge -18 ºC for the freezer,adjustable via thermostat.
•Automatically turn off when low input voltage to protect product
•Enviroment-friendly refrigerant R134a
•Connect with DC power source directly e.g.solar power source
•Connect with AC power source through an AC/DC adapter
•High temperature resistance design and energy saving design.

Power consumption:	80W
Input voltage:	DC12V/24V
Capacity:	318 L
Product size (mm):	1260 (L)*670(W)*930(H)
Carton size (mm):	1335(L)*705(W)*980(H)
N.W./G.W.(KG):	45/49
Accessory (optional):	AC/DC adaptor

Solar panel 200 W
Battery 150 Ah
Charge Controller 12V/24V - 15A

Deluxe Edition

	PS70	PS90
Grooss Capacity:	Approx 2.5 CBF / 10 L	Approx 3.2 CBF / 90 L
Voltage:	DC 12v or DC 24v	DC 12v or DC 24v
Power Consumption:	Approx 45w	Approx 45w
Temperature Range:	Ambient temperature to -18°C, adjustable via elltectronic thermostat with digital temperature display	Ambient temperature to -18°C, adjustable via elltectronic thermostat with digital temperature display
Insulation:	CFC-free polyurethane foam	CFC-free polyurethane foam
System:	Fully hermetic compressor with integrated control electronics, low-voltage protection adjustable for consumer or starter battery by means of electronics, electronic fuse/automatic reverse pole protection, tuble on sheet evaporator.	Fully hermetic compressor with integrated control electronics, low-voltage protection adjustable for consumer or starter battery by means of electronics, electronic fuse/automatic reverse pole protection, tuble on sheet evaporator.
Material:	brushed prepainted steel	brushed prepainted steel
Colour:	Silver	Silver
Weight:	Approx.25kg/28kg	Approx.27kg / 30kg
Quality features:	1:Direct connect to DC12V or DC 24v. 2:Anti discharge car battery protect. 3:Automatic turn off when low voltage 4:Detachable lid 5:programmable cut-in /cut off voltage by tapping battery button 6:Celsiur Scale/ Fahrenheit scale 7:Eco/boost operation mode 8:strong handle and exteroir 9:intelligent to operate under former presetting. 10:Self-Detecting 9 fautlies& alarm	1:Direct connect to DC12V or DC 24v. 2:Anti discharge car battery protect. 3:Automatic turn off when low voltage 4:Detachable lid 5:programmable cut-in /cut off voltage by tapping battery button 6:Celsiur Scale/ Fahrenheit scale 7:Eco/boost operation mode 8:strong handle and exteroir 9:intelligent to operate under former presetting. 10:Self-Detecting 9 fautlies& alarm
Accessory:	AC/DC ADAPTOR	AC/DC ADAPTOR
Loading Quantity:	112pcs/20GP 240PCS/40GP	84pcs/20GP 240PCS/40GP
Carton Dimension:	745L*570W*555H	790L*570W*650H
Product Dimension:	690L*470W*475H	690L*470W*473H
Warranty:	One Year	One Year

Solar Refrigerators

PS128 | PS170

	PS128	PS170
Grooss Capacity:	Approx 4.5 CBF / 128 L	Approx 6.0 CBF / 170 L
Voltage:	DC 12v or DC 24v	DC 12v or DC 24v
Power Consumption:	Approx 45w	Approx 45w
Temperature Range:	ambient temperature to -18°C, adjustable via Ditigal display&control System	ambient temperature to -18°C, adjustable via Ditigal display&control System
Insulation:	CFC-free polyurethane foam	CFC-free polyurethane foam
System:	Fully hermetic compressor with integrated control electronics, low-voltage protection adjustable for consumer or starter battery by means of electronics, electronic fuse/automatic reverse pole protection, tuble on sheet evaporator.	Fully hermetic compressor with integrated control electronics, low-voltage protection adjustable for consumer or starter battery by means of electronics, electronic fuse/automatic reverse pole protection, tuble on sheet evaporator.
Material:	Prepainted steel	Prepainted steel
Colour:	White Grey	White Grey
Weight:	Approx.57kg/62kg	Approx.63kg/68kg
Quality features:	1:Direct connect to DC12V or DC 24v	1:Direct connect to DC12V or DC 24v
	2:Anti discharge protect for Battery.	2:Anti discharge protect for Battery.
	3:Automatic turn off when low voltage,	3:Automatic turn off when low voltage,
	4:Extermely strong Lid,Hinge,safty Lock	4:Extermely strong Lid,Hinge,safty Lock
	5:Celsius Scale/ Fahrenheit scale	5:Celsius Scale/ Fahrenheit scale
	5:intelligent to operate under former presetting	5:intelligent to operate under former presetting
	6:Self-Detecting 9 fautlies& alarm	6:Self-Detecting 9 fautlies& alarm
	7:built-in fan forcing ventilation system	7:built-in fan forcing ventilation system
	8: Chest type/upstanding type reversible	8: Chest type/upstanding type reversible
	9:110mm insulation wall ,CFC Free	9:110mm insulation wall ,CFC Free
	10:Easy operation Safety lock	10:Easy operation Safety lock
	11:Cabinet lighting lamp	11:Cabinet lighting lamp
	12:UltraEnergy Efficiency,420wh/24hrs,at 32C freezing	12:UltraEnergy Efficiency,420wh/24hrs,at 32C freezing
	13:Easy,Funtion upgrade,In Case temperature record and alarming system plus,can be used a medial refrigerator	13:Easy,Funtion upgrade,In Case temperature record and alarming system plus,can be used a medial refrigerator
Accessory:	AC/DC ADAPTOR	AC/DC ADAPTOR
Loading Quantity:	42pcs/20GP 240PCS/40GP	84pcs/20GP 240PCS/40GP
Carton Dimension:	852L*741W*847H	852L*741W*997H
Product Dimension:	804L*726W*810H	804L*726W*960H
Warranty:	One Year	One Year

S166 | S240

Fed exclusively through a solar panel, according to geographical location, to 70 watts.

It has buttons for adjusting the internal temperature, on / off, alarm and general configuration. Digital display of indoor temperature. It has an outdoor grill for ventilation and drainage engine inside and out. The interior temperature is factory set as a refrigerator is 8 º C (46 º F). You can manually decrease to 2 º C (36 º F) or upload to 12 º C (54 º F). As freezer can be varied from -10 º C (14 º F) to -20 º C (-4 º F). The Solar refrigerator has an alarm that helps check that products inside do not exceed a threshold that you select. Thereby ensure its conservation.

The recommendations to cool or freeze any product are the same as in a normal refrigerator or freezer.

Technical characteristics:

-Energy efficiency class A + +
-Rapidly cooling the refrigerator, by regulating the speed of the compressor.
-Use a solar module of 70W.
-Automatic selection of voltage (12 to 24 V).
-Programmable temperature.
-Adjustable Function in refrigerator or freezer
-All DC applications
-Minimal maintenance and easy cleaning
-Lock with two keys included

MODEL S166   MODEL S240

Accessories
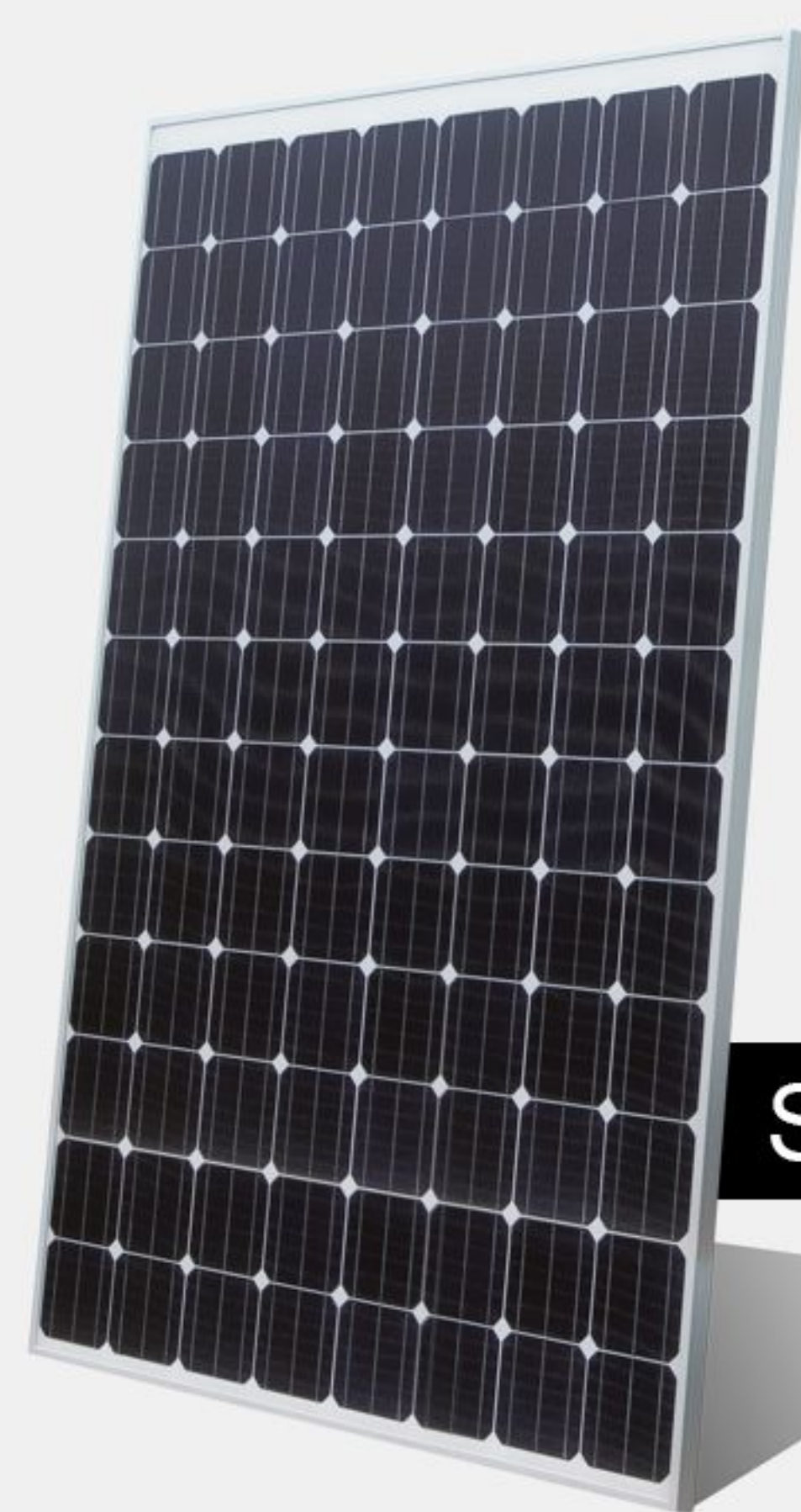
Battery

Solar Panel

Charge controller

AC/DC automatic switch

How our equipments works

Solar freezer

AC/DC adaptor   AC110V/220V
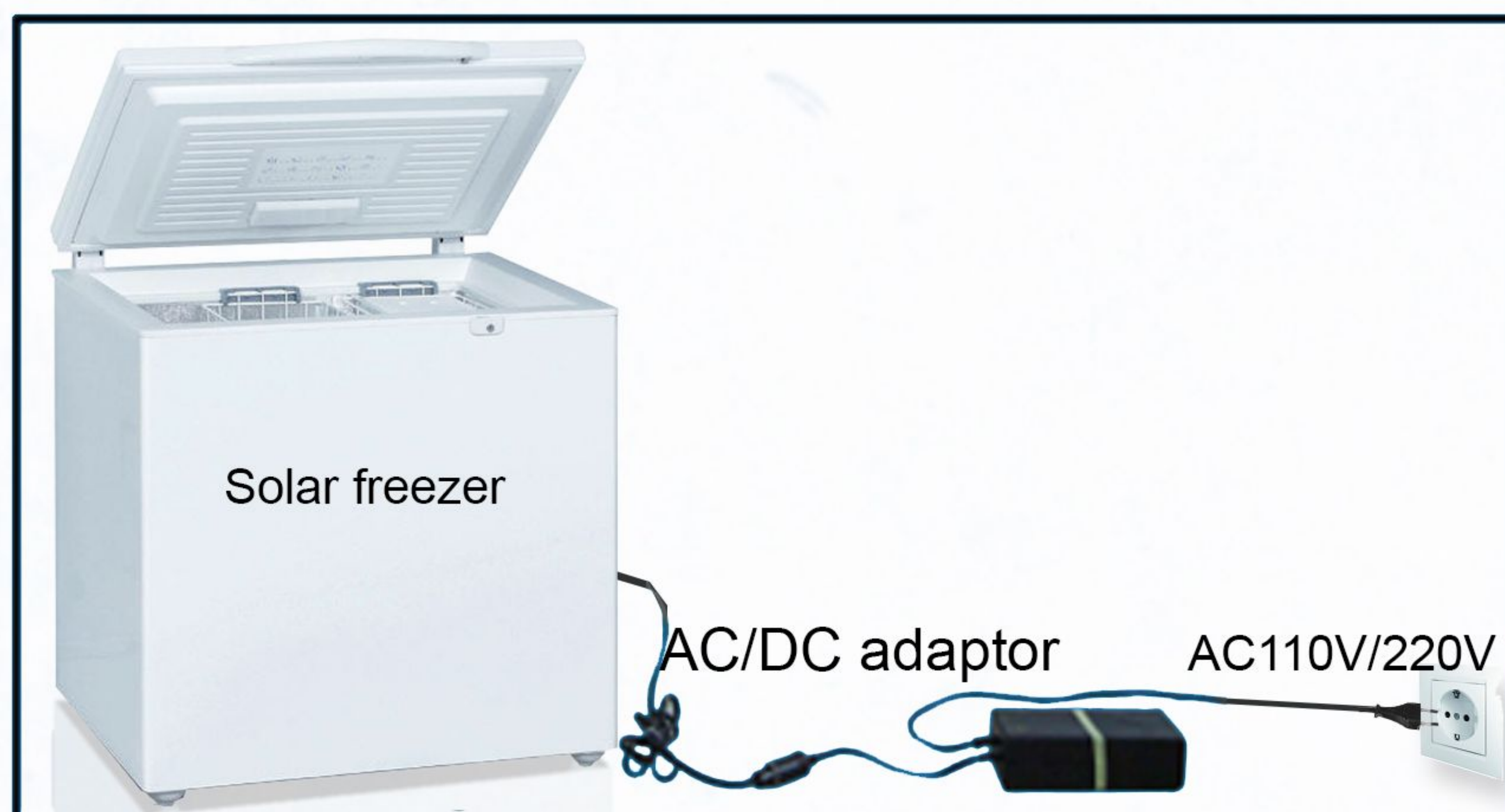
Solar freezer system (use method 1, power supply)

Charge controller

Solar freezer

Battery
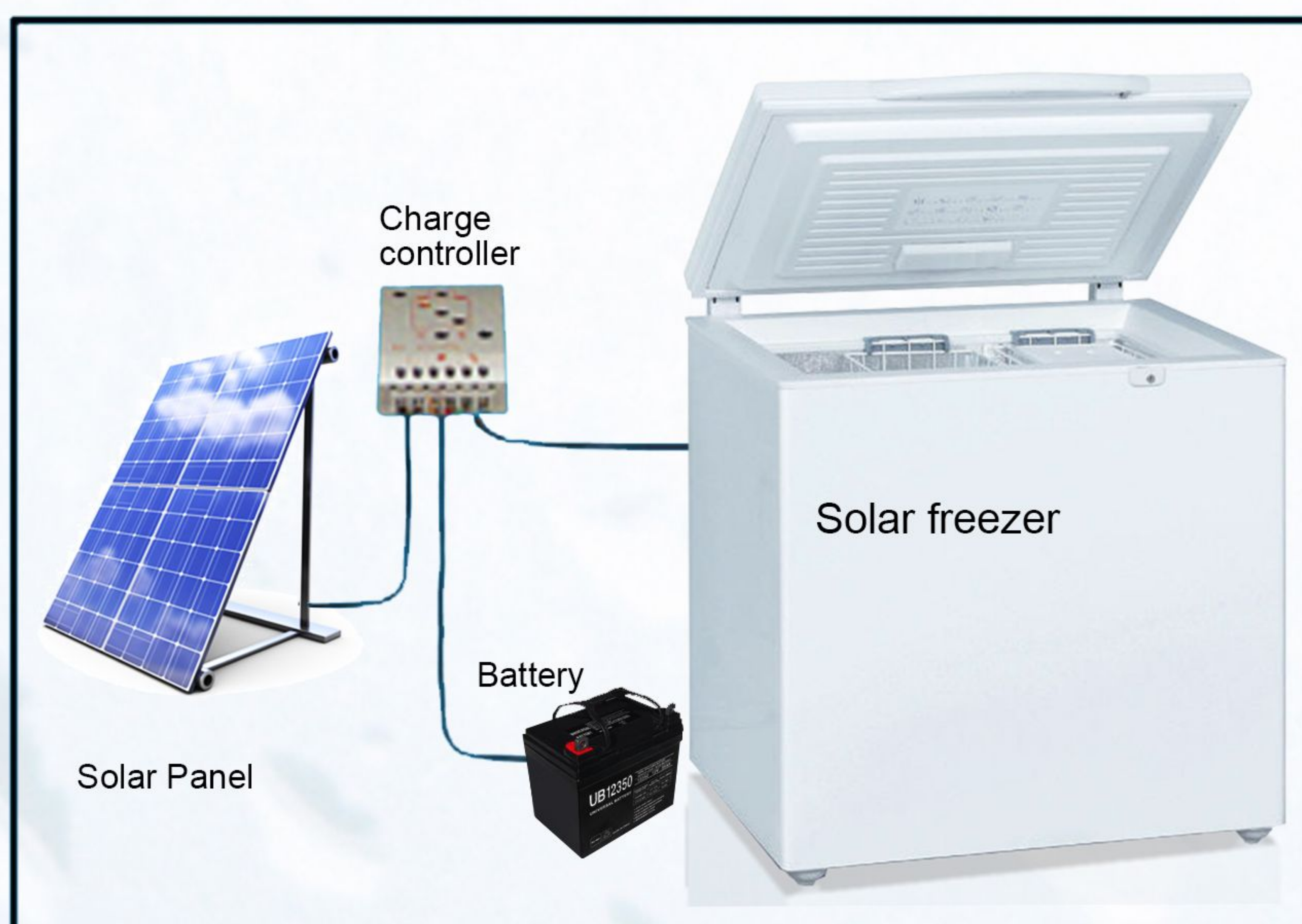
Solar Panel

Solar freezer system (use method 2 connected with solar panel)

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www.dara.es/ener

Avenida del Levante, 7. 28016 Madrid (España)
Teléfono: +34 915 155 247 /+34 914 152 753
e-mail: ener@dara.es website: www.dara.es/ener