

DC-Powered Refrigeration
SunDanzer

HOUSEHOLD PRODUCTS

2023



Household Products



DC100



DC160



DC400



DCRF450

Model	Volume
DC100	100 LITERS
DC160	160 LITERS
DC400	400 LITERS
DCRF450	450 LITERS

DC100 - SMALL BUT MIGHTY

Highlights

- Optimized insulation thickness
- Side handles for easy handling
- Premium DC compressor
- Lightweight
- Handle with lock
- 2-year limited warranty



Specifications:

Internal Volume:	100 liters
Exterior Dimensions:	25.75 x 26.75 x 30.5in
Insulation Thickness:	60mm (2.4in)
Refrigerant Type:	R-600a
Refrigerator Temp Range:	9 to -1°C (48 to 30°F)
Freezer Temp Range:	-2 to -21°C (29 to -6°F)
Voltage Range:	10-31VDC
Input Power:	35-65 Watts
Fuse Size:	12V:15A / 24V:7.5A
Refrigerator Energy use in 32°C:	0.220kWh/d
Freezer Energy use in 32°C:	0.440kWh/d
*Min System Refrigerator:	110W PV, 35Ah Battery
*Min System Freezer:	220W PV, 70Ah Battery
Defrost:	Manual
Units in a container (40' / 20'):	114 / 54

*Minimum sizing based on 100% DOD of the battery. Sizing depends on use case and is purely a recommendation. Customers should do their own analysis, as their needs will be unique.

DC160- KING OF EFFICIENCY

Highlights

- Class leading efficiency
- 3 baskets for organization
- Side handles for easy handling
- Premium DC compressor
- LED refrigerator light
- Handle with lock
- 2-year limited warranty



Specifications:

Internal Volume:	160 liters
Exterior Dimensions:	37 x 26.25 x 34.25in
Insulation Thickness:	110mm (4.33in)
Refrigerant Type:	R-600a
Refrigerator Temp Range:	9 to -1°C (48 to 30°F)
Freezer Temp Range:	-2 to -21°C (29 to -6°F)
Voltage Range:	10-31VDC or 40-75VDC
Input Power:	35-65 Watts
Fuse Size:	12V:15A / 24V:7.5A
Refrigerator Energy use in 32°C:	0.168kWh/d
Freezer Energy use in 32°C:	0.441kWh/d
*Min System Refrigerator:	100W PV, 26Ah Battery
*Min System Freezer:	220W PV, 70Ah Battery
Defrost:	Manual
Units in a container (40' / 20'):	72 / 36

*Minimum sizing based on 100% DOD of the battery. Sizing depends on use case and is purely a recommendation. Customers should do their own analysis, as their needs will be unique.

DC400 - BIGGER IS BETTER

Highlights

- Sliding glass top cover
- 5 baskets for organization
- Heavy-duty locking bottom wheels
- Side handles for handling
- Premium DC Compressor
- LED refrigerator light
- Handle with lock
- 2-year limited warranty



Specifications:

Internal Volume:	400 liters
Exterior Dimensions:	63.5 x 28.75 x 34.25in
Insulation Thickness:	80mm (3.15in)
Refrigerant Type:	R-290
Refrigerator Temp Range:	9 to -1°C (48 to 30°F)
Freezer Temp Range:	-2 to -21°C (29 to -6°F)
Voltage Range:	10-31VDC or 40-75VDC
Input Power:	60-110Watts
Fuse Size:	12V:30A / 24V:15A
Refrigerator Energy use in 32°C:	0.450kWh/d
Freezer Energy use in 32°C:	0.800kWh/d
*Min System Refrigerator:	225W PV, 70Ah Battery
*Min System Freezer:	400W PV, 125Ah Battery
Defrost:	Manual
Units in a container (40' / 20'):	48 / 24

*Minimum sizing based on 100% DOD of the battery. Sizing depends on use case and is purely a recommendation. Customers should do their own analysis, as their needs will be unique.

DCRF450- DUAL PERSONALITY

Highlights

- 50% thicker insulation than standard
- Double gasket freezer door
- Premium DC Compressor
- LED refrigerator light
- Three adjustable shelves
- One Lower Basket
- Doors hinges can be left or right handed
- 2-year limited warranty



Specifications:

Internal Volume Refrigerator:	283 liters
Internal Volume Freezer	142 liters
Exterior Dimensions:	30.75 x 28.5 x 74.75
Insulation Thickness:	Variable
Refrigerant Type:	R-290
Refrigerator Temp Range:	7 to 0°C (44 to 32°F)
Freezer Temp Range:	-10 to -14°C (14 to 7F)
Voltage Range:	10-31VDC or 40-75VDC
Input Power:	60-110Watts
Fuse Size:	12V:30A / 24V:15A
Energy use in 32°C:	0.890 kWh/d
*Min System Size:	445W PV, 140Ah
Defrost:	Manual
Units in a container (40' / 20'):	42 / 20

*Minimum sizing based on 100% DOD of the battery. Sizing depends on use case and is purely a recommendation. Customers should do their own analysis, as their needs will be unique.

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