

1. Who We Are

Company

Devidayal Solar Solutions focuses on the design, manufacture, sale and distribution of productive use off-grid solar DC appliances for income generation and enhancement. Our flagship product is a solar DC refrigerator:

- Based in India
- Solar refrigeration and cooling solutions to solve cold-chain related issues
- Focus on agriculture, dairy, fishing


Technology

- Efficient DC compressor, digital display, rugged construction, works on 2 solar panels and a reserve battery.
- Temperature range 1 -11C and -18C to +8C.
- Solar DC 12V/24V and 48 V DC.
- Tested by CLASP in The Netherlands - IEC 62552 **PayGo model coming soon!**



Solar DC Refrigerator 100 Ltr



Devidayal DDSF-100	
Medium Refrigerator	
FINALIST	
SPECIFICATIONS	
Product Model Number	DDSF-100
Total Volume (L)	85
Inrush Current (A)	8.5
Daily Energy Consumption at 32°C (kWh/day)	0.329
Full-Load Year (kWh)	0.84
Autonomy (hours)	1.49
Refrigerant(s)	R132a
Phase Change Material Included (yes/no)	No
Product Weight (kg)	30
Product Dimension (H*W*D) (cm)	60.0*49.0*33.0
Power Supply as Shipped	DC
Declared Operating Voltage Range (V)	12-24
Declared Daily Energy Consumption (kWh/day)	0.37
Recommended PV Panel Capacity (Wp)	200
Recommended Battery Capacity (Ah)	100
Price (see section Category (S. 355))	550
* Ambient temperature at which the manufacturer tested product: 32°C	
	
Company	Devidayal Solar Solutions Pvt Ltd
Sales Contact	Tanuj Khandelwal
Phone	+91 92 2246000
Email	sales@devidayal.in
Website	www.devidayal.in
	
	

2. Our Solution



SDG Goal 7: Affordable and Clean Energy



SDG Goal 8: Decent Work and Economic Growth

The solution is a combination of energy access and energy efficiency with our award-winning solar refrigerator.



3. Our healthcare pivot in the pandemic

