

Glass-free Direct-Bonded Solar for Recreational Vehicles



Rugged, Durable Solar that Performs

- Industry leading power output
- 2.5x power density of thin-film
- 50x more durable than bus bar solar panels
- 15-20% more energy in real world conditions



Hassle-free Installation

- Over 60% Lighter than glass solar panels
- Quick/Easy install – Just “peel & stick”
- Bonds directly to metal, fiberglass, curved surfaces, fabric & more
- No mounting hardware, special tools, or surface penetration required



Key Product Features

- 21-23% efficient monocrystalline silicon PERC solar cells with Merlin® Grid interconnect
- **New!** G1 solar cell format = More power in the same area
- Weather resistant package, rugged low-profile sealed junction boxes, durable back-sheet
- Multiple panel sizes & shapes adapt to roof layouts to maximize coverage / energy harvest
- Optimized for maximum performance in high vibration and high temperature conditions
- Integrated “Peel & Stick” adhesive tested to 150+ mph wind
- Low reflection / high absorption materials increase harvest in low angle and scattered light

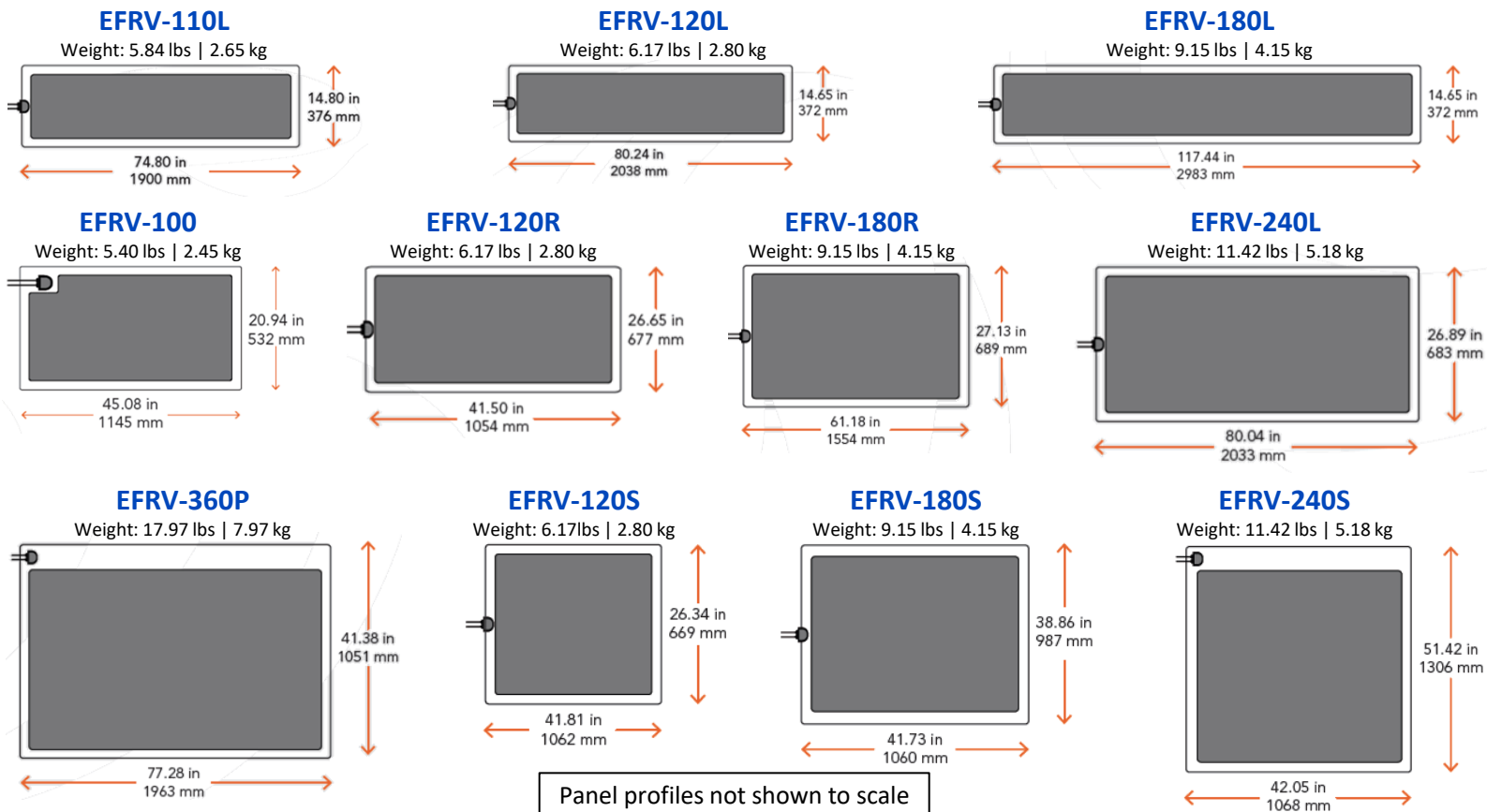
Nishati Endurance™ Flex RV

Specifications¹

Model	EFRV-100	EFRV-110L	EFRV-120R	EFRV-120L/S	EFRV-180L/S/R	EFRV-240L/S	EFRV-360P
Parameter							
PV Solar Cell Type	mc-Si PERC (G1)						
Rated Power Pmax	100W	110W	120W	120W	180W	240W	360W
Voltage @Max. Power Vmp	22.9V	24.6V	26.9V	13.34V	19.8V	26.8V	19.8V
Current @Max. Power Imp	4.5A	4.47A	4.47A	9.00A	9.00A	9.00A	18.0A
Open Circuit Voltage Voc	27.8V	29.22V	31.87V	15.94V	23.90V	31.87V	23.90V
Short Circuit Current Isc	4.68A	4.84A	4.84A	9.67A	9.67A	9.67A	20.1A
Active Area Efficiency	19%	19%	19%	19%	19%	19%	19%
Back-sheet color²	White is standard						
JBox / Termination	Top mount Jbox / PV cable with polarized MC4 connectors are standard						

1. Standard test conditions (STC): 1000 W/m² intensity, Air Mass 1.5, 25°C cell temperature. Power tolerance is ±5.0% at STC. Electrical characteristics are within ± 10% unless otherwise specified. Specifications are subject to change.

2. Black and other colors available on request; fees may apply and performance may vary



Warranty

Application	Material & Workmanship	Power Output
RV / Transportation	1-year limited warranty	80% minimum at 5 years

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