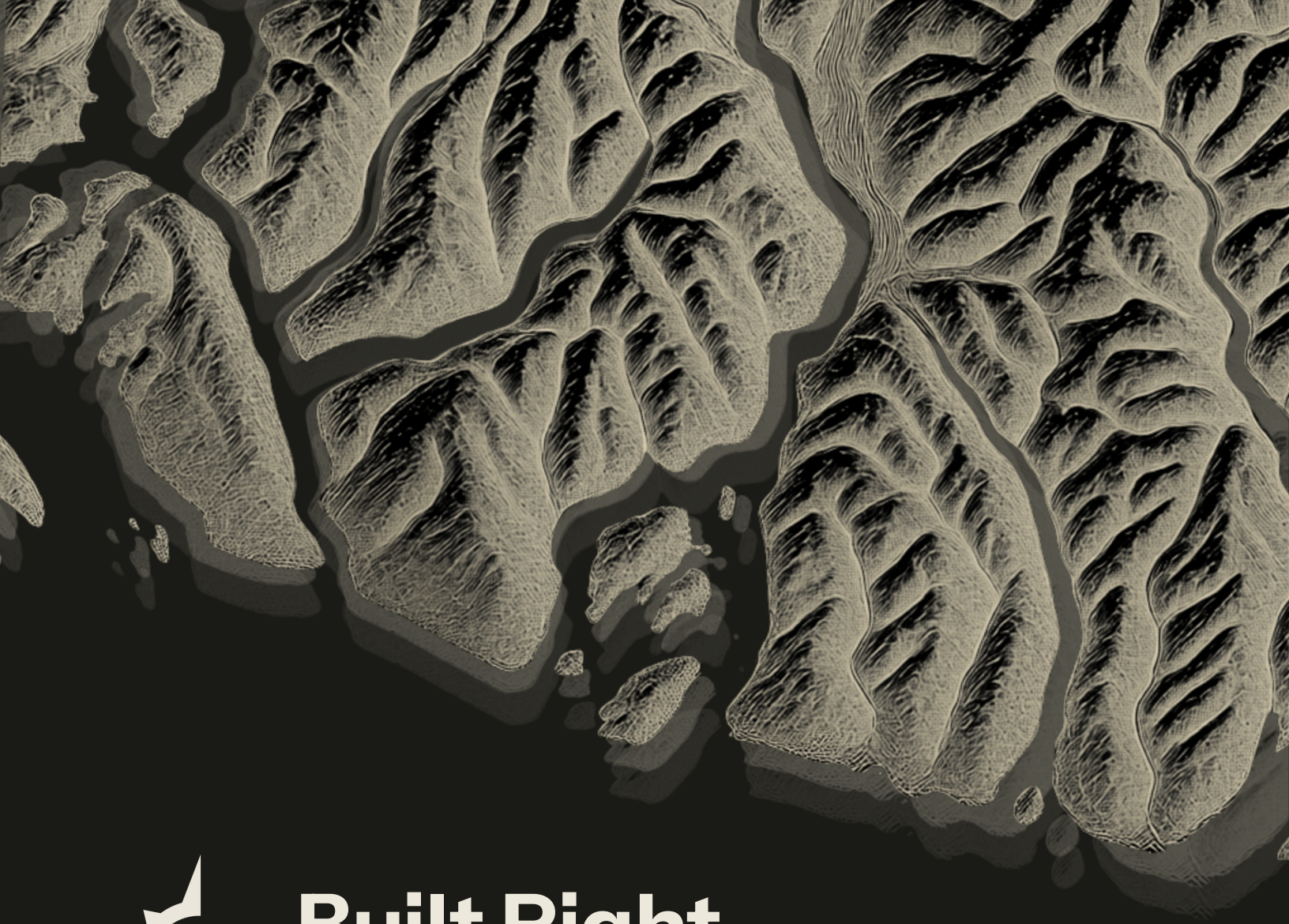
OFF-GRID CUSTOMS

Expedition Habitat

Engineered for anywhere.

MADE IN CANADA | SQUAMISH B.C. | EST.2020



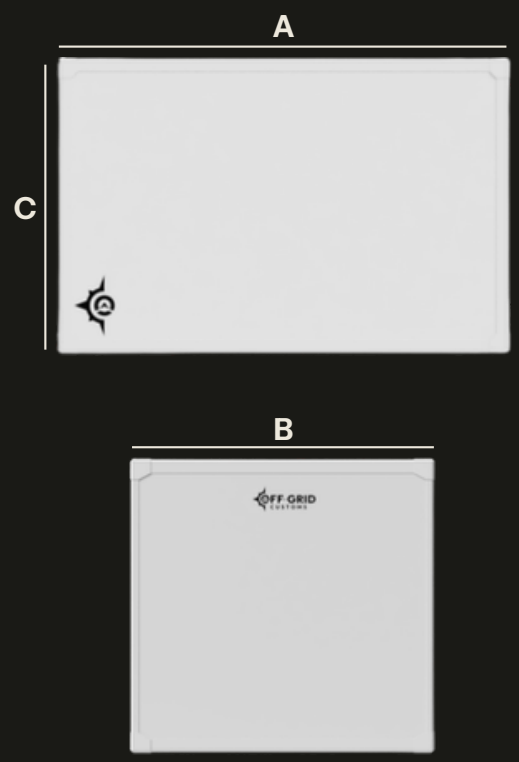
Built Right.
Built Here.

Off Grid Customs designs and manufactures premium composite habitats and expedition vehicle systems in Squamish, Canada. Every habitat is engineered, CNC-machined, and assembled in-house using proven materials, processes, and construction methods developed through years of real-world use.

We work with OEM outfitters, trusted partners, and DIY builders to manufacture durable composite habitats and supporting integration components for demanding environments. Every habitat is built to millimetre tolerances using structural composite construction and industry-leading bonding systems, ensuring a finished product that is precise, functional, and built to last.

Expedition Models

Compatible with a wide range of expedition platforms, from compact 4x4s to extended wheelbase trucks and full-size 6x6 chassis.



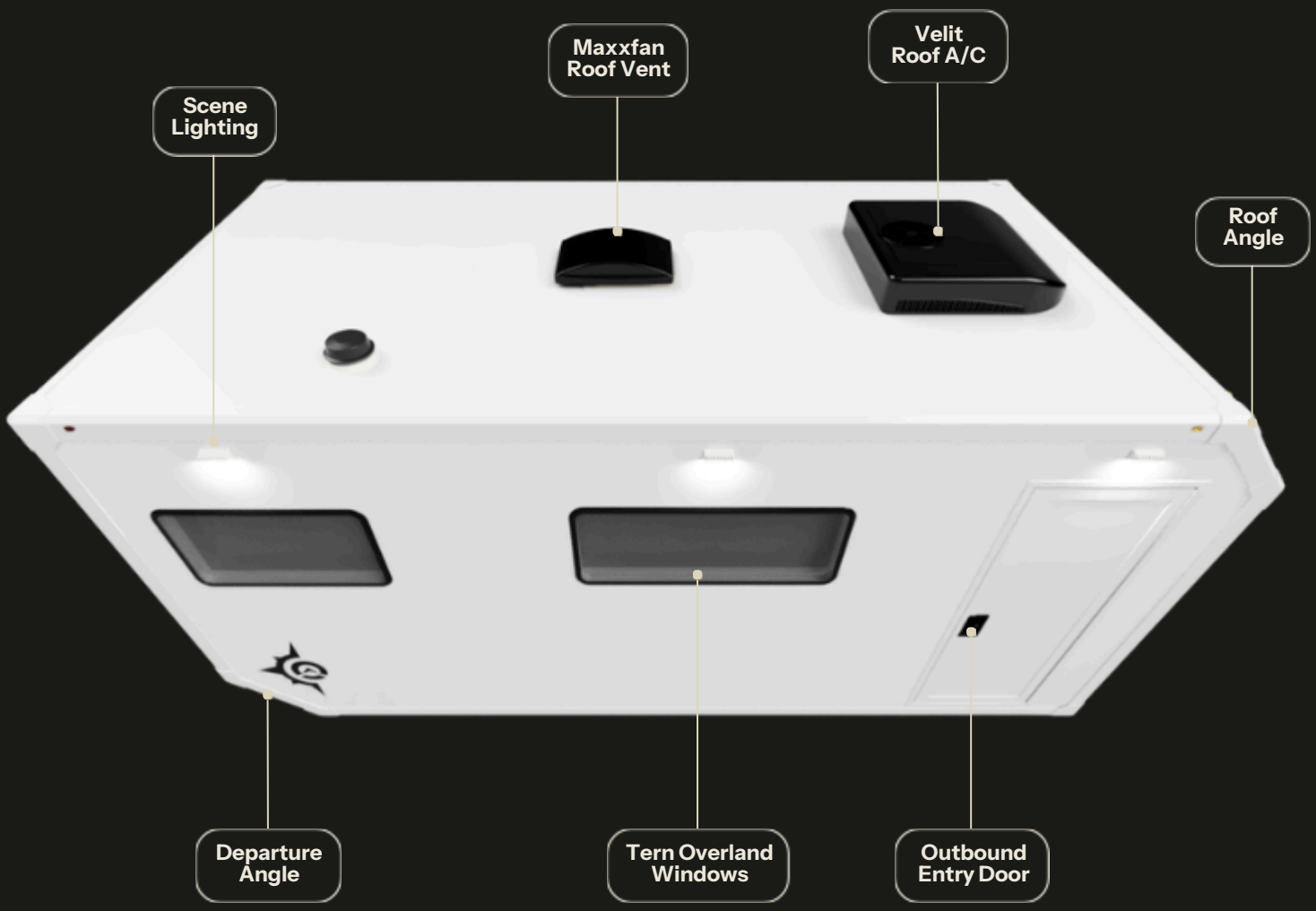
ID	Description	EXP 11	EXP 15	EXP 18
A	Base Length	132"	180"	216"
B	Overall Width	89"	95"	95"
C	Overall Height	86"	89"	89"
BASE PRICE:		**$43,500 CAD**	**$53,00 CAD**	**$59,000 CAD**

OPTIONAL FEATURES			
Departure Angle	18"	ADDED COST:	+**2,804**CAD
Roof Angle	14"	ADDED COST:	+**2,242** CAD

**All features are fully customizable to your spec.
**All pricing excludes taxes

Built to Your Spec.

Every habitat begins with a proven structural foundation.
From there, it becomes yours.



The additional options above represent a range of available customizations, grouped by supplier and system.

During the design phase we will guide you through the selections that make most sense for your chassis, your intended use, and your outfitting plans.

*All prices shown include hardware and installation.

Tern Overland

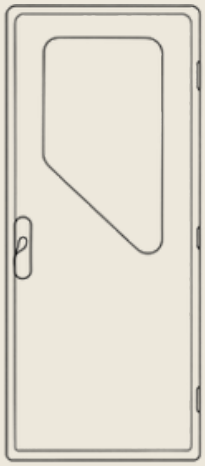
Optional Features
Entry Doors & Windows

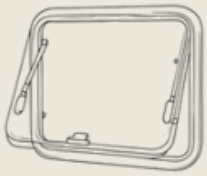
Windows EV2 Flat Model	
Height x Width (mm)	**Pricing** (CAD)
300x500	$836
300x700	$912
300x1100	$1,065
400x450	$888
400x700	$1,053
450x500	$895
450x610	$931
450x800	$1,066
450x900	$1,067
450x1100	$1,175
500x300	$836
500x450	$895
500x900	$1,105
500x1200	$1,251
550x700	$1,028
550x900	$1,120

Windows EV2 Flat Model	
Height x Width (mm)	**Pricing** (CAD)
550x1100	$1,416
550x1450	$1,615
230x400	$794
600x500	$1,047
800x700	$1,331
800x1000	$1,403
900x900	$1,375
1000x800	$1,403

Manual Skylight	
700x500	$1,505

Entry EV2 Flat Model	
Height x Width (mm)	**Pricing** (CAD)
1750x622	$2,287
1822x622	$2,402
Euro Entry Door	
1810x600	$2,285
Manual Skylight	
700x500	$1,505





Tern Tech Info - Doors

Tern Tech Info - Windows

Pricing INCLUDES hardware & installation
***All pricing excludes taxes**

Tern Overland

Optional Features
Cargo Doors

Cargo Doors SD009	
Height x Width (mm)	**Pricing** (CAD)
300x300	$831
300x400	$853
300x500	$869
300x600	$890
300x700	$906
300x900	$847
400x400	$874
400x500	$890
400x600	$917
400x700	$939
400x800	$1,035
400x900	$1,057
400x1000	$1,078
400x1200	$1,116
500x500	$912
500x600	$905
500x700	$1,041
500x800	$1,062
500x900	$1,089
500x1000	$1,110
500x1100	$1,132

Cargo Doors SD009	
Height x Width (mm)	**Pricing** (CAD)
500x1300	$1,186
600x600	$1,636
600x700	$1,068
600x800	$1,094
600x900	$1,127
600x1000	$1,148
700x700	$1,094
700x800	$1,121
700x900	$1,148
700x1000	$1,175
700x1100	$1,202
800x800	$1,148
800x900	$1,175
800x1000	$1,213
800x1300	$1,379
900x1000	$855
1000x1000	$1,272
1400x1400	$1,556
+CUSTOM DIMENSIONS	$ UPON REQUEST

Pricing INCLUDES hardware & installation
***All pricing excludes taxes**

Tern Tech Info - Cargo Doors

Outbound

Optional Features
Entry Doors

Outbound Entry Doors		
Width x Height (cm)	**Model**	**Pricing** (CAD)
55x170cm	DE-10-3P	$3,954
61x170cm	DE-10-3P	$4,254
61x185cm	DE-20-3P	$4,223

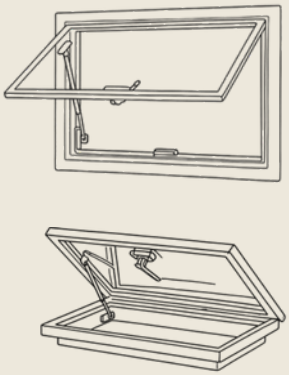
Add-ons	**Model**	**Pricing** (CAD)
Entry Door Window Screen	DD	$218
Window Blind	BL-05	$668
Fixed Window 25x66cm	RA-05	$1,062

Pricing INCLUDES hardware & installation
***All pricing excludes taxes**

Outbound Tech Sheet - Entry Doors

Outbound

Optional Features
Windows & Skylights



Outbound Windows		
Width x Height (cm)	**Model**	**Pricing** (CAD)
46x33cm	RA-03	$2,006
66x25cm	RA-05	$1,996
66x33cm	RA-10	$2,014
65x40cm	RA-20	$2,111
60x50cm	RA-30	$2,198
99x40cm	RA-35	$2,461
99x60cm	RA-40	$2,595
120x50cm	RA-42	$2,888
170x55cm	RA-50	$3,158

Outbound Skylights		
Width x Height (cm)	**Model**	**Pricing** (CAD)
46x33cm	DR-03	$3,208
25x66cm	DR-05	$3,228
65x40cm	DR-20	$3,278
60x50cm	DR-30	$3,426
99x60cm	DR-40	$3,995

Outound Tech Sheet - Windows
Outbound Tech Sheet - Skylights

Pricing INCLUDES hardware & installation
***All pricing excludes taxes**

Outbound

Optional Features
Cargo Doors

Outbound Cargo Doors		
Width x Height (cm)	**Model**	**Pricing** (CAD)
33x46cm	LU-03 V	$1,830
46x33cm	LU-03	$1,830
65x40cm	LU-20	$1,894
40x65cm	LU-20 V	$1,894
60x50cm	LU-30	$1,945
50x60cm	LU-30 V	$1,945
99x40cm	LU-35	$2,156
40x99cm	LU-35 V	$2,156
80x60cm	LU-38	$2,183
60x80cm	LU-38 V	$2,183
99x60cm	LU-40	$2,224
60x99cm	LU-40 V	$2,224
99x60cm	LU-45 L	$2,405
60x99cm	LU-45 LV	$2,405
99x60cm	LU-45 R	$2,405
60x99cm	LU-45 RV	$2,405
116x99cm	LU-48	$2,667
99x116cm	LU-48 V	$2,667
170x55cm	LU-50	$2,832
170x61cm	LU-55	$2,908
186x61cm	LU-60	$2,973

Outbound Passthrough Doors		
Width x Height (cm)	**Model**	**Pricing** (CAD)
50x60cm	CD-30VL	$2,051
50x60cm	CD-30VR	$2,051
60x80cm	CD-38VL	$2,267
60x80cm	CD-38VR	$2,267
60x99cm	CD-40VL	$2,330
60x99cm	CD-40VR	$2,330

Pricing INCLUDES hardware & installation
***All pricing excludes taxes**

Outbound Tech Sheet - Cargo Doors

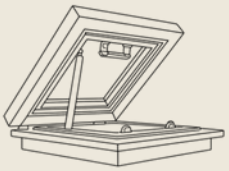
Optimal Expedition

Optional Features
Doors & Windows

Entry Doors	
Width x Height (mm)	**Pricing** (CAD)
737x1814mm	$3,616
737x1980mm	$3,778

Windows	
Width x Height (mm)	**Pricing** (CAD)
388x488mm	$2,539
428x588mm	$2,539
488x388mm	$2,539
488x588mm	$2,539
588x428mm	$2,539
588x488mm	$2,539
788x388mm	$3,205
788x588mm	$2,604
808x488mm	$2,604
928x488mm	$2,838
928x538mm	$3,271
988x588mm	$2,964
1188x588mm	$2,998
1388x588mm	$3,096

Skylights With screen & sunshade	
Width x Height (mm)	**Pricing** (CAD)
574x574	$3,053
1034x729	$3,701

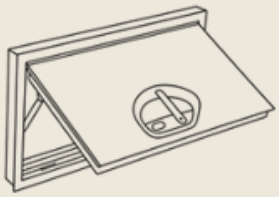


Optimal Tech Sheet - Doors
Optimal Tech Sheet - Windows
Optimal Tech Sheet - Skylights

Pricing INCLUDES hardware & installation
***All pricing excludes taxes**

Optimal Expedition

Optional Features
Horizontal Hatch Doors



Cargo Doors Horizontal	
Width x Height (mm)	**Pricing** (CAD)
444x444-H	$2,640
444x570-H	$2,640
444x617-H	$2,640
444x717-H	$2,640
444x766-H	$2,640
570x444-H	$2,640
570x570-H	$2,721
570x617-H	$2,721
570x717-H	$2,721
570x766-H	$2,721
570x902-H	$2,721
617x444-H	$2,721
617x570-H	$2,721
617x617-H	$2,721
617x717-H	$2,883
617x766-H	$2,721
617x902-H	$2,720
717x444-H	$2,802
717x570-H	$2,802
717x617-H	$2,721
717x717-H	$2,883

Cargo Doors Horizontal	
Width x Height (mm)	**Pricing** (CAD)
717x766-H	$2,883
717x902-H	$2,964
717x1104-H	$2,964
766x444-H	$2,964
766x570-H	$2,964
766x617-H	$2,964
766x717-H	$2,964
766x766-H	$2,964
766x902-H	$2,964
766x1104-H	$2,964
902x444-H	$2,964
902x570-H	$2,964
902x617-H	$2,964
902x717-H	$2,964
902x766-H	$2,964
902x902-H	$2,964
902x1104-H	$3,045
902x1276-H	$3,045
1104x444-H	$2,964
1104x509-H	$2,964

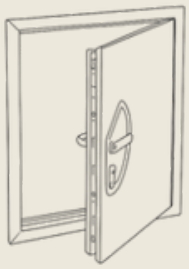
Cargo Doors Horizontal	
Width x Height (mm)	**Pricing** (CAD)
1104x570-H	$2,964
1104x617-H	$2,964
1104x717-H	$2,964
1104x766-H	$3,045
1104x902-H	$3,126
1104x1104-H	$3,126
1104x1276-H	$3,207
1276x444-H	$3,239
1276x570-H	$3,045
1276x617-H	$3,045
1276x717-H	$3,045
1276x766-H	$3,045
1276x902-H	$3,045
1276x1104-H	$3,207
1814x737-H	$3,531
1980x737-H	$3,693

Pricing INCLUDES hardware & installation
***All pricing excludes taxes**

Optimal Tech Sheet

Optimal Expedition

Optional Features
Vertical Cargo Doors



Cargo Doors Vertical	
Width x Height (mm)	**Pricing** (CAD)
444x444-V	$2,640
444x570-V	$2,640
444x617-V	$2,721
444x717-V	$2,802
444x766-V	$2,964
444x902-V	$2,964
444x1104-V	$2,964
444x1276-V	$3,045
570x444-V	$2,640
570x570-V	$2,721
570x617-V	$2,721
570x717-V	$2,802
570x766-V	$2,964
570x902-V	$2,964
570x1104-V	$2,964
570x1276-V	$3,045
617x444-V	$2,640
617x570-V	$2,721
617x617-V	$2,721
617x717-V	$2,721
617x766-V	$2,964

Cargo Doors Vertical	
Width x Height (mm)	**Pricing** (CAD)
617x1104-V	$2,964
617x1276-V	$3,045
717x570-V	$2,721
717x617-V	$2,892
717x717-V	$2,883
717x766-V	$2,964
717x902-V	$2,964
717x1104-V	$2,964
717x1276-V	$3,045
766x570-V	$2,721
766x617-V	$2,721
766x717-V	$2,883
766x766-V	$2,964
766x902-V	$2,964
766x1104-V	$3,045
766x1276-V	$3,045
902x717-V	$2,964
902x766-V	$2,964
902x902-V	$2,964
902x1104-V	$3,126
902x1276-V	$3,045

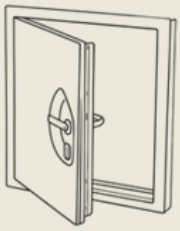
Cargo Doors Vertical	
Width x Height (mm)	**Pricing** (CAD)
1104x902-V	$3,045
1104x1104-V	$3,126
1104x1276-V	$3,126

Pricing INCLUDES hardware & installation
***All pricing excludes taxes**

Optimal Tech Sheet

Optimal Expedition

Optional Features
Bevel Cargo Doors



Cargo Doors Horizontal w/ Bevel	
Width x Height (mm)	**Pricing** (CAD)
1104x717-HB	$3,126
1104x766-HB	$3,126
1104x902-HB	$3,207
1104x917-HB	$3,207
1104x1104-HB	$3,207
1104x1276-HB	$3,960
1276x717-HB	$3,207
1276x766-HB	$3,207
1276x902-HB	$3,369
1276x1104-HB	$3,450

Cargo Doors Vertical w/ Bevel	
Width x Height (mm)	**Pricing** (CAD)
717x1104-VB	$3,126
717x1276-VB	$3,207
766x1104-VB	$3,126
766x1276-VB	$3,207
902x1104-VB	$3,207
902x1276-VB	$3,369
1104x1104-VB	$3,207
1104x1276-VB	$3,450

Cargo Doors Passthrough	
Width x Height (mm)	**Pricing** (CAD)
617x617-P	$2,721
617x717-P	$2,804
617x766-P	$2,964
617x902-P	$2,964
617x1104-P	$3,181
617x1276-P	$3,268

Cargo Doors Passthrough	
Width x Height (mm)	**Pricing** (CAD)
717x617-P	$2,721
717x717-P	$2,883
717x766-P	$2,964
717x902-P	$2,964
717x1104-P	$2,964
717x1276-p	$3,045

Pricing INCLUDES hardware & installation
***All pricing excludes taxes**

Optimal Tech Sheet

Lighting

Optional Feature

Scandvik Interior Lights	**Pricing** (CAD)
Scandvik Pre Wired Pucks (x2)	$628
Scandvik Pre Wired Pucks (x4)	$1,058
Scandvik Pre Wired Pucks (x6)	$1,487
Scandvik Pre Wired Pucks (x8)	$1,916

Black Rigid Exterior Lights	**Pricing** (CAD)
Black Rigid Scene Lights (x1)	$549
Black Rigid Scene Lights (x2)	$927
Black Rigid Scene Lights (x4)	$1,685
Black Rigid Scene Lights (x6)	$2,442

DOT Marker Lights	**Pricing** (CAD)
DOT Light Package - Under 30'	$2,317
DOT Light Package - Over 30'	$2,530

Pricing INCLUDES hardware & installation
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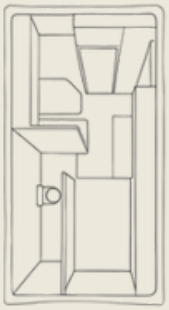
Contact for Technical Info

Interior Walls

1.25" Honeycomb composite panels	Dimensions	Pricing (CAD)
2 Wall Wetroom - Small	28" x 36"	$4,716
2 Wall Wetroom - Large	32" x 60"	$5,027
3 Wall Wetroom - Small	28" x 36"	$5,249
3 Wall Wetroom - Large	32" x 60"	$5,592



Pricing includes installation and trim.

Partition walls, bed platforms, and storage boxes available on request. We can work with you during the design phase for any custom design.

Raw interior panels are also available for DIY installtion.

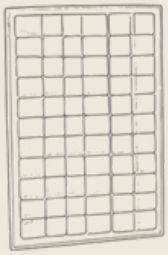
Pricing INCLUDES hardware & installation
***All pricing excludes taxes**

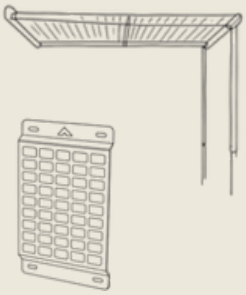
Contact for Technical Info

Roof Components

Optional Features

MaxxFan & Broad Arrow Roof Fans, Vents, and Skylight	**Pricing** (CAD)
MaxxFan Dome - Small Fan with Exhaust Only	$493
MaxxFan Deluxe - Manual	$1,026
MaxxFan Deluxe - Remote	$1,172
Velit Rooftop Air Conditioner	**Pricing** (CAD)
2000R Rooftop AC (12V/24V/48V)	$3,772
3000R Rooftop AC (24V/48V)	$4,731
Solar Choice of Mounting Positions	**Pricing** (CAD)
220W - Pre-Wired Solar Kit	$1,292
440W - Pre-Wired Solar Kit (2X series)	$2,110
660W - Pre-Wired Solar Kit (3X series)	$2,909
880W - Pre-Wired Solar Kit (2X series 2X Parallel)	$3,781
Fiamma USA Exterior electric Awning	**Pricing** (CAD)
Fiamma Electric Awning F45 Eagle 400	$5,949
Fiamma Manual Awning F45 S 260	$2,405
Fiamma Manual Awning F45 S 300	$2,551
Fiamma Manual Awning F45 S 350	$2,715
Fiamma Manual Awning F45 S 400	$2,896
Fiamma Manual Awning F45 S 450	$3,123





Pricing INCLUDES hardware & installation
***All pricing excludes taxes**

Contact for Technical Info

Exterior Accessories

Exterior Packages	**Pricing** (CAD)
Brush Guards Expedition 11'	$3,517
Brush Guards Expedition 15'	$4,399
Brush Guards Expedition 18'	$4,916
Brush Guard Cross Bars	$458
Exterior L Track - Rear Wall	$1,229
Habitat Mount To Chassis	$1,950

All options can be tailored to your chassis or platform, and pricing may vary depending on the final design and configuration.

Additional customizations are accommodated on a case-by-case basis depending on your chassis and habitat selections.

Pricing INCLUDES hardware & installation
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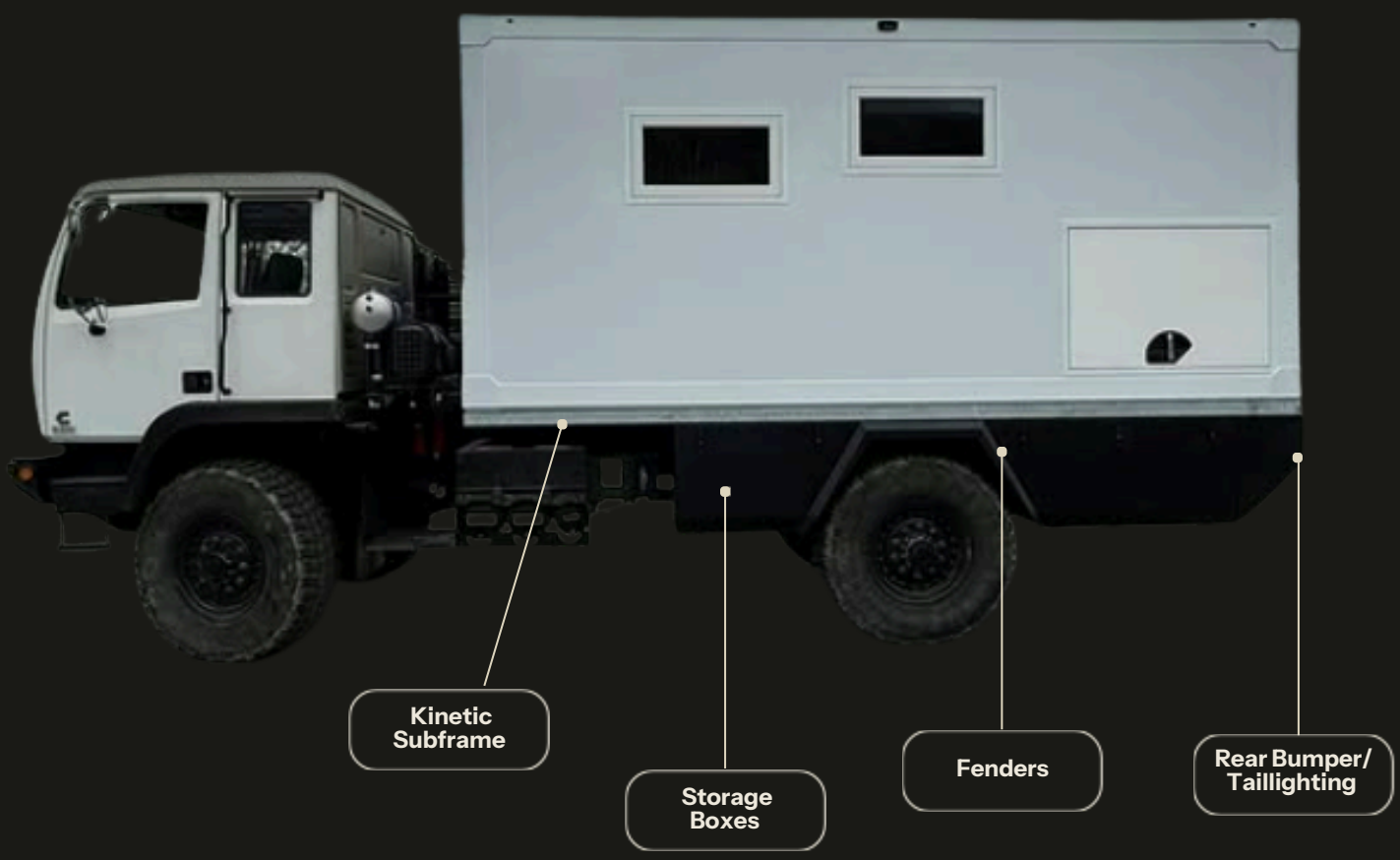
Chassis Integration

Every expedition build is different. We can help design and fabricate the supporting components needed to integrate your habitat with your chassis.



In addition to our standard exterior accessories, we can help with a range of custom fabrication and chassis integration solutions. We can work with you to design the right subframe, under mount storage boxes, entry stairs, spare tire carriers, ladders, or other custom accessories for your build.

All options can be tailored to your chassis or platform, and pricing may vary depending on the final design and configuration.

OFF-GRID CUSTOMS

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