



Pulsar Expedition

A premium compact AWD adventure van built for extended off-grid travel and four-season adventures.



Questions about configuration?

[Book a Private Consultation](#)

STARTING AT

\$288,500

A Fully Equipped Home. In a 144" Sprinter.

Two layouts. One compact platform. Choose more living comfort or extra passenger capacity.

Shower layout



Designed for one or two travelers, with a fully enclosed shower and a dedicated workstation for comfortable life on the road.

Crew layout



Designed for those who usually travel solo or as a couple but want the flexibility to bring family or friends along. A second-row seat adds passenger capacity and converts into an extra bed.

Human-centered design

Every inch is thoughtfully designed to make everyday life on the road effortless.



- Dinette seating zone for up to 7 people that transforms into a California king-size bed
- Second row seat that transforms into a bed
- Exterior shower
- Kitchen galley up to 45"
- Eye-position refrigerator
- Garage space under the bed



- Dinette seating zone for up to 7 people that transforms into a California king-size bed
- Work-station
- Indoor spa shower
- Genius toilet compartment
- Kitchen galley up to 45"
- Eye-position refrigerator
- Garage space under the bed

Built to Go Where Larger Vans Can't.

Built on a compact 144-inch wheelbase with all-wheel drive and exceptional maneuverability, Pulsar brings genuine off-road capability to a fully equipped luxury camper van.



A Compact 144" Platform

The short wheelbase gives it a tighter turning circle and a better break-over angle for switchbacks, tight trailheads, and uneven ground.

Built for Real Off-Road

Upgraded suspension, all-terrain tires, and added ground clearance. Pulsar handles washboard roads, rock, and deep ruts while staying comfortable behind the wheel.

AWD Confidence

Gravel, sand, mud, snow — the all-wheel drive platform puts power where it's needed. The confidence to keep going long after the pavement ends.

Pulsar Expedition

Enhanced technology, premium finishes, and expanded capabilities



Built for greater comfort and capability

Expedition elevates Pulsar with advanced technology, premium finishes, and upgraded comfort systems shaped by years of travel and our round-the-world expedition. Designed for greater independence, four-season capability, and elevated comfort in every environment.



- 920Ah LiFePO₄ battery bank
- Cruise N Comfort 12V undermount A/C
- Hydronic heating & heated floors
- Winterized water system
- Smart Home touchscreen control
- Expedition roof rack with perimeter lighting
- Owl & Falcon 3.0 suspension
- 600W solar + dual alternator charging
- Premium bamboo interior
- Natural stone shower

Signature Design. Compact Footprint.

Pulsar reimagines what a compact adventure van can feel like—bringing an unexpected level of luxury to the agile 144-inch Mercedes-Benz Sprinter.



Design

Architectural interiors shaped by refined aesthetics, natural materials, and premium craftsmanship.

Technology

Integrated systems designed to work together as one intelligent ecosystem.

Autonomy

Designed for extended off-grid living. Built to support long-distance travel across climates.

Usability

Every surface, cabinet, light, bed, and control is shaped around daily routines on the road.

The systems behind Pulsar

Integrated technology designed to make life on the road simpler and more comfortable.

Off-Grid 12V Power System

Lithium power up to 1380Ah (18 kW) for life beyond hookups

Off-Road performance

Enhanced suspension, all-terrain tires, and exterior upgrades designed for remote destinations

Hydronic heating system

Control heating, heated floors,, instant hot water

Solar Charging

Supports a self-sufficient off-grid lifestyle by keeping your batteries charged

Four Season Ready



12V Air Conditioner

Efficient 12V air conditioning designed for cooling without relying on hookups.

Residential kitchen

Large countertop space with an induction cooktop, dishwasher, microwave/oven, and 12V fridge

Starlink Satellite Internet



SPA bathroom (Shower layout)

Flat shower floor with four drains and a space-saving hidden pull-out toilet

True Winterization*

*Pulsar Expedition and Pulsar Max only. Insulated and heated tanks and plumbing systems

Smart Home Integration

All key systems on one screen (available in Pulsar Expedition and Max)

Extended Water Capacity

35 gallons fresh and 20 gallons grey water capacity for more time between refills.

Built on a capable AWD Sprinter platform

Pulsar Expedition starts with a Mercedes-Benz Sprinter AWD 144 inch wheelbase, then adds the exterior hardware needed for rougher roads, darker campsites, and daily access on the move.

Vehicle



Van chassis

Mercedes-Benz Sprinter 2500 AWD
144 inch wheelbase



Transmission

9G-TRONIC 9-speed automatic



Engine

2.0L High-Output Turbo Diesel I4
211 hp • 332 lb-ft torque



Cook, rest, work, shower, and sleep in real comfort.

Pulsar turns the limited footprint of a van into a complete residential environment.



Full residential kitchen

Designed for everyday living. Generous counter space and residential-style appliances, easy to prepare everything from a quick breakfast to a full dinner on the road.

SPA bathroom with sliding toilet (shower layout)

Our signature sliding toilet disappears when not in use, creating a spacious walk-in shower while preserving full bathroom functionality.

Convertible bed + Lifted bed*

*Pulsar Max only

*Hydraulic table system allows the dinette to transform from a comfortable lounge into a full sleeping area in seconds.

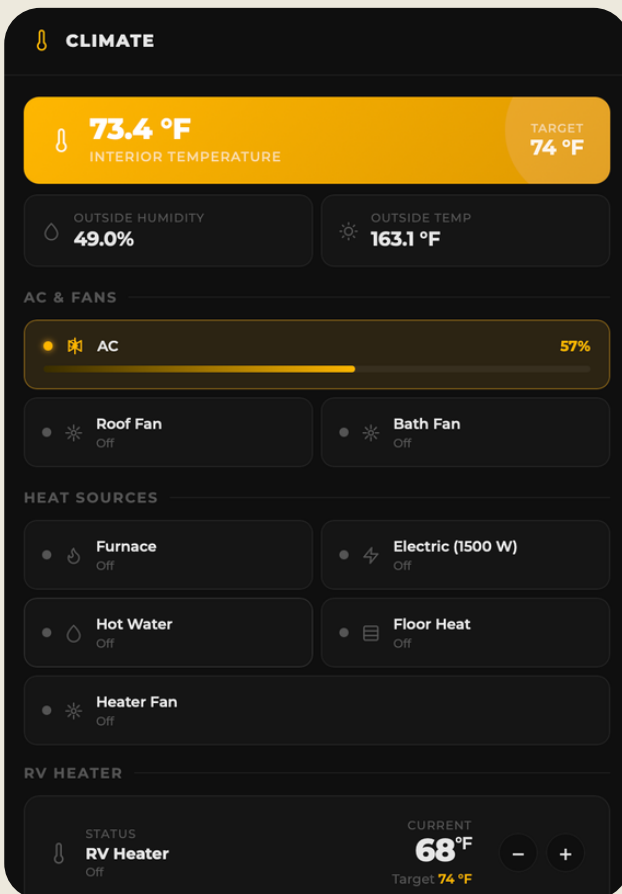
Starlink Satellite Internet

Integrated Starlink internet makes it possible to work remotely, stream content, stay in touch with family, and access online services from some of the most remote destinations.



Power, climate, water, and connectivity work together

Pulsar is designed so the technical systems stay in the background: comfortable temperatures, useful water capacity, reliable charging, and connected travel without turning daily life into system management.



Smart Home Ecosystem*

*Pulsar Expedition and Pulsar Max only

Monitor and control climate, lighting, power, water systems, and more—all from a single touchscreen

Fully Self-Sufficient Lithium Power

High-capacity lithium batteries (self-heated), solar, alternator charging, and shore power work together to keep you comfortably off-grid for days.

Hydronic heating

One integrated system providing cabin heat, heated floors, and instant hot water.

Off-grid Air Conditioning

A true 12V air conditioning system powered by your van's own battery bank, delivering cooling comfort without generators or campground hookups. Up to 30 hours of continuous AC cooling from the battery bank.

Base Pulsar + Expedition Upgrades

A complete checklist of the systems, finishes, utilities, and equipment included in the Expedition Package.

Chassis	Mercedes-Benz Sprinter AWD 144" Wheelbase	
Exterior	- Owl & Falcon 3.0 Suspension upgrade - BFGoodrich KO3 all-terrain tires - Side entry steps (running boards) - Low-profile roof rack - Skylight with bug net & blackout shade	
Interior	- Premium bamboo interior - Sound deadening - Thermal insulation - Luxury vinyl flooring	- Warm white LED ceiling lighting - Sliding windows with bug screens - Custom roll-down window covers
Kitchen	- Premium 45" galley kitchen (5 drawers, 1 pantry, 2 cabinets, Pull Out Step + Drawer) - Acrylic stone countertop - Undermount sink - Extended kitchen faucet	- Induction cooktop 12V slim 3.2 cubic feet refrigerator and freezer - Pantry - USB, USB-C & 110V outlets
Living Area & Bedroom	- Convertible dinette bed - Hydraulic Tiny Planet adjustable table system - Pull-out bed step with integrated drawer - Second row double Tiny Planet transformer seat ("Crew layout only")	- Large dinette storage (3 drawers) - Memory foam cushions
Storage	9 integrated drawers & cabinets throughout the van - Large rear garage storage	- Closet - Shoe storage
Bathroom and Water	- Enclosed indoor shower ("Shower layout only") - Retractable sliding shower door ("Shower layout only") - Sliding waterless toilet shelf - Tiny by Separett waterless toilet (Optional: Laveo, Cleasana etc.) - Outdoor shower	35-gallon fresh water tank 20-gallon grey water tank - Bluetooth grey tank level monitoring - High-flow water pump - Dump gate valve
Climate	12V rooftop air conditioner - RIXENS hydronic heating system - Heated floors	- Instant hot water 2 hot air furnaces - Low-profile 12V roof fan
Electrical System	- Premium Victron electrical system 600W solar panel system 460Ah LiFePO₄ battery (self heated), can be upgraded to 1380Ah, 18 kWh 3000W Victron inverter/charger - Alternator charging	- Victron MPPT solar controller - Shore power connection - Starlink installation - USB, USB-C, 12V & 110V outlets throughout
Lighting	- Four-zone ambient lighting system with 2 remote controllers - Warm white LED ceiling lights	- Reading lights with USB - Rear garage lighting

Built by people who live the journey

Tiny Planet is a California-based company building vans that combine elevated design and advanced technology — delivering a true five-star hotel experience anywhere on the planet.



Inspired by American landscapes and European aesthetics, our interiors offer refined layouts, premium materials, and elevated craftsmanship. Every build is powered by the latest off-grid innovations, ensuring an unrivaled travel experience in harmony with nature.



True self-sufficient
independence with
five-star experience
on the road.





Contact us today to get one
step closer to your dream

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Book a Private Consultation

Meet with the Tiny Planet team to discuss your travel style,
define the right configuration, and ask any questions you have.

[Private Consultation](#)