

BUILD SHEET

Sierra Model 170

2021 Mercedes-Benz Sprinter 4x4 2500

Color: Blue Grey

VIN: W1Y4ECVY6MT060691

Stock ID: #45

+ MVAV foundation package

- Full interior insulation
- Full interior anti vibration mats
- Advanced RV 170 insulation kit
- MVAV standard grey laminate flooring package
 - Loncoin II[®] vinyl flooring in nimbus grey (CN181) - by Lonseal[®]
 - ½" birch plywood base
 - 1" dow closed cell foamular insulation
- Dual zone recessed led overhead task and ambient lighting
- Arctic Tern[®] insulated dual-pane windows with retractable screens & privacy shades
 - Window a & b: 300mm x 700mm (driver and passenger rear panels)
 - Window c: 550mm x 900mm (passenger sliding door panel)
 - Window d: 450mm x 700mm (driverside middle panel)
- Paneling; prefinished semi gloss ¼" baltic birch
 - Wall, ceiling, rear doors, side passenger sliding door
 - Installed with sika flex 552 adhesive
 - Anodized aluminum T-slot trim for a seamless look

+ Cabinetry

- Overhead cabinets with gas strut assisted doors and stainless steel hardware, ¾" baltic birch
- sink cabinet, ¾" baltic birch
 - Storage rack on inside door
 - Flip down table, BauBauche laminated veneer hardwood with walnut trim, Polyurethane Semi Gloss Finish
 - Sink counter top, BauBauche laminated veneer hardwood with walnut trim, polyurethane semi gloss finish
- Water cabinet with top drawer storage, ¾" baltic birch
- Large Electrical cabinet with access doors, battery and component airflow assisted by temperature controlled ultra quiet fans, ¾" baltic birch
- Fridge cabinet with flipup BauBauche Laminated Veneer Hardwood counter top, Polyurethane Semi Gloss Finish

- Under fridge storage drawer
- Bathroom enclosure with BauBuche top
- Flip-up bed platform
- Front cab overhead storage above driver and passenger seats

+ Water System

- 32 gallon water tank
- Shurflow 12 Volt water pump
- Eco Smart Electric 1.5 gallon water heater
- Shower system with adjustable temperature control valve
- Ruvati stainless steel 16 gauge sink with spring extending faucet
- Grey water 5 gallon tank and gray water direct drain

+ Lithium 24 volt Power System

MVAV advanced power system: 12 DC, 24 DC, 120 Volt AC, and 230 Volt AC

circuits

- Custom MVAV PanelTronics control panel, appliance breakers and voltage display readout
- Solar package
 - 730 Watts REC highly rated wind and snow load solar panels – roof-mounted
 - Morningstar solar controller – 23 Amp max PSMPPT
 - RM-1 solar meter
- Lithium power package
 - 120 Volt outlets, usb ports, 12 Volt DC ports throughout
 - 24 Volt, 315 Amp hour UL listed – Lithionics 24GTX lithium battery (MH62316)
 - Lithionics advanced plug & play single channel BMS
 - Wall-mounted Lithionics State of Charge IonGauge State now Charge (SOC) display
 - Dual SD3500 pure sine wave form UL listed Cotek inverters – 7,000 Watts of 120/240 Volts, continuous power
 - Cotek CX2440 24 Volt automatic battery charger for charging from any remote 120 Volt source
 - Cotec CX2440 24 Volts automatic battery charger
 - CR-1 charger remote
 - Victron energy 24 Volt to 12 Volt DC converter 12 Volts DC to 70 Amps continuous for all 12 Volt circuits

- Shore plug exterior plugin
- Engine driven high output 24 Volt DC alternator. Belt driven with custom mount and tensioner, charging at idle 70-90 Amps, rated at 150 Amps maximum while driving. Firewall-mounted Balmar remote regulator for alternator programmed for charging Lithionics battery systems.

+ Interior Options

- Split unit a/c & heating, Mitsubishi unit rated at 9,000 btu cooling and 12,000 btu heating
- Kitchen package
 - 1 DUXTOP portable single burner induction cooktop
 - SnoMaster 96-quart stainless steel fridge/freezer - 120 AC - 12/24, BauBuche wood top mounted
- Custom MVAV high output air compressor and 2-gallon tank under-mount - including gauge and hose
- LED reading lights dimmable and red light equipped
- MVAV rooftop ultra-quiet vent/fan
- Dining tables, Sequoia flush mount table system with table storage under bed platform
- Fully enclosed flushable toilet with 28 gallons of black water storage

+ Exterior Options

- WeBoost cellphone booster, drive x
- Van Compass stage 3 suspension upgrade
- BFGoodrich KO2 tires (including spare)
- RoamBuilt side steps running boards
- Fiamma motorized F80s awning
- Owl Vans tire carrier

