EXP 1  Expedition Unit specifications, weights, measures

Body and construction:

- Exobody™ Fully insulated sandwich panel body construction
- .040” structural grade aluminum inner and outer “skins”
- Ultra density insulating foam core
- .100” Aluminum flooring with PP honeycomb core
- PVC skids with 12 - .500” inset rubber pockets
- Custom structural aluminum extrusions and cast aluminum corner caps
- Fully bonded and sealed with structural elastic adhesive
- Zero thermal bridging
- Withstands high racking / twisting forces
- FMVSS 206 compliant dual stage rotary door latch

Windows:

- Custom true dual pane acrylic tinted awning windows
- Friction holds for infinite adjustment and zero slack
- Built in removable screens
- Dual positive locks with ramp style gasket compression
- Double weatherstripping with optional third
- Blackout magnetic roller blinds

Lighting:

- Built in under cabinet LED lighting with remote dimming function
- Custom accent/task LED dimmable lighting
- Front quad off road LED lighting with remote function
- Rear LED awning lighting
- Roof pre-wired for dual light bars
- Pre-wired for rear backup camera

Cabinetry:

- PVC solid color cabinetry throughout
- Positive die cast aluminum latches
- Waterproof, stain resistant, lightweight, low maintenance cabinetry
- 100 lb. roller bearing drawer slides with soft close function
- Euro hinges throughout allowing clean lines and full adjustability
- Tension adjustable door hold opens
Plumbing:

- 14.5 US gallon fresh water tank  (18.7 US gallon total water storage)
- 12.5 US gallon grey water tank
- Thetford “curve” electric flushing toilet with 4.2 gallon fresh water storage
- 5.5 gallon waste tank (removable for dumping)
- On demand hot water tank with remote shower head
- Stainless steel kitchen sink with integrated drying tray
- Residential style Moen pullout kitchen faucet

Heating and ventilation:

- Custom designed 8 cfm heat recovery ventilator
- Long life fans with pre filters for intake and exhaust
- Espar D2 diesel Airtronic heater
- Digimax D1000 controller with themostat
- 7500 BTU output (2200 watts)
- Marine triple insulated exhaust termination
- 2.5 Gallon (10 ltr.) remote fuel tank
- Fuel consumption-Boost=.28 ltr/hr, medium=.15 ltr/hr, low=.1 ltr/hr
- Fantastic fan 14” with reverse function

Electrical:

- 2000 watt zantrex pure sine inverter/charger
- Built in 55 Amp charger and auto transfer switch
- REDARC dual input DC-DC multistage battery charger
- Built in MPPT solar charger function with “green”priority
- Dual 160 watt Sharp solar monocrystalline panels
- Roof mounted mounts with reverse dual tilting mechanism
- Solar power amp, watt, voltmeter monitor
- 120 AH AGM traction battery
- Cole hersee battery disconnect
- Victron BMC 702 battery monitor
- CO / LP 12 VDC monitor alarm
- 2 Dual USB charge outlets with 12VDC outlets
- 3.2 cu.ft Chest style fridge/freezer with remote temp monitoring
- BD 35F Danfoss compressor
General:

- Proprietary hold down jacks for hidden secure mounting of EXP 1 in vehicle
- 20”x 20” acrylic marine escape hatch in roof
- Shady boy 10 ft x 6 ft side awning
- Rear universal custom rack/ladder and mounting plate for various attachments

Specifications:

- 1483 pounds dry
- 1639 pounds wet
- COG measured from front 28.2”

Outside dimensions: (inches)

- 124” length
- 79.75” width
- 83.5 height (top of fan housing)
- 79” Floor length

Inside dimensions: (inches)

- 120” length
- 75.75” width
- 75” height
- 75.2” Floor length