



**RECREATIONAL
VEHICLES**

Boondocker Solar Package

DURANGO
— GOLD —

DURANGO

VENOM
— V-SERIES —

VENOM

Go. Camp. Live.



-System Overview-

- 24 volt system
- 5000 Watt Inverter/charger
- 1700 watts of solar
- 400 AH 24 Volt Batteries (same as 800 AH 12 volt)
- Wifi & bluetooth monitoring
- Expandable to add additional batteries
- Auto Gen start option (for an on board generator)



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Inverter / Charger



Victron Quattro Inverter / Charger

Core Function: Converts DC battery power to AC household power)

- 5000 Watt Continuous Power Output 120 Volt AC
- Built In AC charger 24 volt 100 Amp (Equal to 200 Amp 12 volt)
- Built in automatic transfer switch 50 Amp 120 volt pass through



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Victron 100 Amp MPPT Solar Controller

Core Function: Goes between the solar panels & the battery.

Keeps the battery from over charging from the solar panels

- 100 Amp Capacity
- Bluetooth capable



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Smart Shunt



Victron Smart Shunt

Core Function: Measures all current flow going into & out of the battery.

- Provides Accurate SOC % of battery.
- Bluetooth capable



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Smart Shunt



Victron DC-DC Converter & Battery Protect

Core Function: Converts 24 volt DC to 12 Volt DC. Also has a low battery protect

- Provides power to all the 12 volt loads
- Disconnects on low voltage to protect the batteries internal BMS from shutting off when the battery gets low.
- Also Bluetooth capable.



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Transfer Switch



Transfer Switch

Core Function: Manual By-passes complete solar/battery system

- For Emergency Use or if system fails



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Battery (front view)



Batteries Rubix 24 Volt 200 AH Lithium

- 2- Modular Batteries 24 volt 200 AH each equal to 400 AH 12 Volt



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Additional Components

Digital Display Inside Of Unit



Phone App (Victron Connect)



Fuse's On Roof To Protect The Panels & The Wiring



8- 220 Watt Solar Panels



Converter (to jump start batteries)
Emergency Use Only



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