



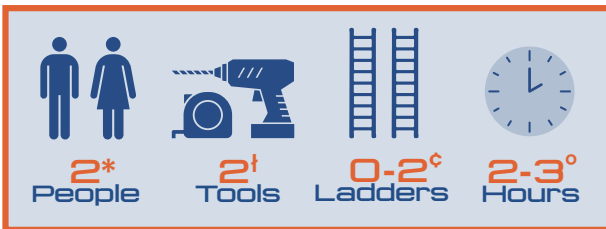
THE VROOM 3000

solar-direct multi-load management control center

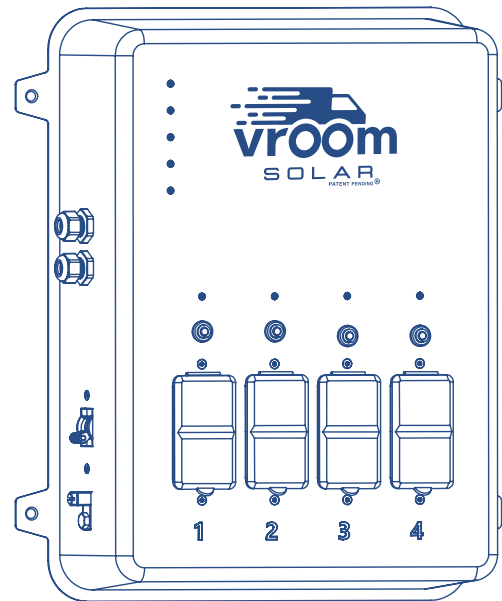
“What, no battery???” Yep, you heard right. Our patent-pending solar-direct load-management technology frees you up to use your solar power how you want, whether that’s on-site without a battery or as a backup source, stored in a battery. It’s the most efficient use of the power produced without loss through multiple transmissions and conversions. Our kits include everything you need to plug-and-play for off-grid, solar power in under two hours. As light conditions shift throughout the day, the Vroom 3000 alternates through the hierarchy of power outlets, depending on available power and draw. The control center comes in the complete solar kit of your choice, including American solar modules and either our ground mount, roof mount, mobile racking system, or complete shed kit, all sourced from the USA.



TOTAL KIT



- * more people, more fun
- † measure twice, cut once!
- ‡ optional for ground mount. Ha.
- ° not responsible for lollygagging!



Model The Vroom 3000

DC Input Data
Max recommended PV power for module STC No max (multiple PV strings in parallel, so long as each string matches AND is below 282VOC and above 141VOC)
DC voltage VOC Min - Max 200-300 VOC
Max number of PV strings in parallel 2 (but with MC4 Y branch connectors you can easily have 4 strings in parallel)

Output data AC
AC nominal power 3000 W
Nominal AC voltage range 120VAC (100-130VAC)
AC frequency 60hz
Max output current (@120VAC) 25 amps total
Adjustable power factor Variable based on load type
AC output Priority load: Outlet 1 (first), 2 (second), 3 (third), 4 (fourth)

Efficiency
Typical Efficiency Up to 98%

Protection devices
DC reverse, polarity protection Yes
DC Disconnect Yes
AC short circuit protection Yes
Maximum input voltage protection Yes
Minimum input voltage protection Yes

General data
Dimensions (LxWxD) 16"x12"x4"
Weight <30lbs
Operating ambient temperature range -20F to 120F, -29C to 49C
Operating humidity 95% RH
Cooling Natural convection
Protection degree IP11, NEMA Rating 2
DC connection MC4
AC connection Standard outlets
Display LEDs showing available power
Warranty 12 months

Certifications UL1741