

## The Features and Benefits of the VS3000™

The Vroom Solar VS3000 is a *novel* solar management technology that *eliminates the need for batteries*. Below are some of its features and benefits. The VS3000™ can form a Microgrid directly from solar and manage grid, battery, or gas generators into its power management matrix.

1. **Powerful** - Produces and manages up to 3000w of 120VAC. This allows for many basic power needs during emergencies. (Future stacking capability allowing 240/120 V and more wattage)
2. **Portable** - At roughly the size of a boot box, the VS3000 is lightweight and easy to ship
3. **Weather Resistant** - Sealed poly case with silicone outlet covers and an aluminum back; designed for hot and cold environments.
4. **Fast Installation** - Four (4) mounting holes, one (1) ground connection, two (2) PV wire connections, makes the installation about 15 minutes. No permits or electrician required.
5. **Low Maintenance** - Solid state with no moving parts yields long lifespan and low maintenance.
6. **Versatile** - Can operate on most solar panels.
7. **Simple Operation** - Four (4) receptacles, performance display, four (4) individual load status displays, four (4) 15a thermal circuit breakers, one (1) main power disconnect. Turn on, plug in, and energize.
8. **Integrated Power Management** - Multiple integrated power systems and software to optimize load management and efficiency.
9. **Solar Centric** - Always defaults to using solar power if available.
10. **Backup Capable** - Integrated transfer switch instantly (10 milliseconds) transfers loads to backup power when sun wanes. Works with generator with 2 wire start.
11. **Automatic** - Fully automated system needs no daily start or stop.

[Click to see the Vroom 3000™ in Action!](#)

