



SOLAR STIK®

Defender 1kW Generator with E-Start Mod

Item #01-1000100

Packable Power

The Defender 1kW Generator with E-Start Mod provides up to 900 W of continuous 120 VAC power operating on military-grade JP-8 or F-24 fuel. The rugged, 34-pound generator meets warfighter power needs—designed to perform without a starting agent—in harsh environments. The auto start function allows for easy integration of the Defender 1kW Generator in a hybrid power system when used with a PRO-Verter.

How a Defender 1kW Generator Works

The Defender 1kW Generator converts the energy stored in liquid fuel into a usable electric output capable of powering applications up to its rated output. Fuel-driven generators can be used as stand-alone power generation sources or, when equipped with auto start capabilities, can be used with energy storage modules (batteries) and power managers in a hybrid power system. Two Defender 1kW Generators can be operated in parallel to deliver up to 1800 W of clean AC power.



General

AC Voltage Output	120V, 0-900 W continuous sea level, 1000 W peak 120V, 0-750 W above 4000 ft, 95 °F
DC Voltage Output	12V, 0-50 W
Operating Temperature Range	0 °F to 125 °F (-17.8 °C to 51.7 °C)
Fuel Type	<ul style="list-style-type: none"> • JP-8, F-24, Gasoline • DF-2 emergency fuel optional
JP-8 Fuel Run Time	<ul style="list-style-type: none"> • 4 hours at 900 W • 5.4 hours at 500 W
Battery	Li-ion pack included, BB-2590 capable recharge
Dry Weight	34 lb (15.4 kg)
Dimensions	17.8 x 10.5 x 14.9 in (45.2 x 26.67 x 37.85 cm)

