RUFDIAMOND

SPARK

12kW | 24kW CUBE

Introducing the new and improved **Spark Cube**, now available in three models to meet various power and energy needs. Engineered for versatility, the Spark Cube can effectively replace a 25kW+ generator. Used independently or paired with our quick-deploy solar solutions, the Spark Cube **offers fuel-free and emission-free operation.** For increased run-times or when solar isn't an option, the Spark Cube can be paired with a generator for a hybrid setup.

With the Spark Cube, clients can achieve significant **savings of up to 90% in operational, fuel, and maintenance costs**.

	Spark Cube Model		
Energy Capacity	**20kWh**	**30kWh**	**60kWh**
Continuous Power	12kW	24kW	24kW
Peak Power	24kW	48kW	48kW
Voltage	120/240V Split Phase	208V and 120/240V Three Phase	120/240V Split Phase & 208V Three Phase
Weight	408.2 kg [900 lbs]	499 kg [1,100 lbs]	725.7 kg [1,600 lbs]

Key benefits

- Weatherproof mounted tablet with preloaded training videos.
- Weather proof (IP44) / Outdoor rated
- Auto gen start
- Rated for use in extreme weather (-30°C to 50°C)
- 3 ways to charge (solar, generator, grid)
- Built in remote monitoring via network
- Assembled in Canada

General Specs

Chemistry	LiFePO4
Cycles	+6,000 Cycles
Frequency	60 Hz
Solar Input Power	18,000W
Solar Input Voltage	120-500V DC
Sine Wave	Pure Sine Wave
Size	131.1cm x 105.7cm x 117.9cm [51.60in x 41.60in x 46.40in]
Storage & Start-Up Temperature	-20°C to 50°C [-4°F to 122°F]
Operating temperature	-30°C to 50°C [-22°F to 122°F]
Certification/ Inspections	UL9540, UL9540A, UL1973, UL1741

Safety features

Solar reverse polarity protection, overload protection, short circuit protection, surge protection, over temperature shut off

Common Uses

- Site Trailer & Washrooms
- Welding Equipment
- Lighting
- Water Pumps
- Small Equipment (Air Compressors, Battery Recharge, Drills, etc.)
- Backup Power



Contact us

rufdiamond.com info@rufdiamond.com +1 (705)-419-2653