



Sparkcharge portable ev charger price

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All types of businesses are using the Roadie. From auto manufacturers, car rental companies, roadside assistance companies, utilities, retail locations, fleet management, real estate management, & many more.

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SparkCharge, a startup company that is developing a very interesting portable EV DC charger for roadside assistance, recently raised \$3.3 million in seed round financing.

The company already raised \$5 million in total funding since its launch in 2017, and now intends to "scale manufacturing, meet rapidly growing sales demand, and aggressively expand development".

The SparkCharge "portable ultra-fast, modular electric vehicle (EV) charger" is kind of unique because it is battery-electric powered, not a gas generator, like the most recently introduced Blink portable EVSE (9.6 kW AC).

SparkCharge is a full-blown 20 kW DC fast charger (with CHAdeMO or CCS Combo plug) and a modular battery (up to five modules), which according to the company can replenish about 1 mile of range in a minute of charging.

The use is fairly simple - each part of the SparkCharge device can be carried separately by hand (charger is 9 kg, while a single battery module weighs 22 kg) and then stacked together near the vehicle.

The first version is equipped with a CHAdeMO plug so it can recharge all CHAdeMO-compatible cars as well as Tesla cars via the Tesla-CHAdeMO adapter. The CCS version is under development. Hopefully, the company will find a way to make those CHAdeMO and CCS cables detachable so there will be no need for two chargers to cover the entire EV market.

A single battery module is 3.5 kWh (3.2 kWh usable), which means an energy density of 159 Wh/kg (145 Wh/kg usable).

The energy content is not high, to be honest (should be enough for some 10 miles/16 km in most cases according to EPA energy consumption figures), but you can stack several modules to increase the total energy. The battery capacity here is the major bottleneck, which probably will affect also the price.

On the other hand, you should be able to find an electricity source (at least an outlet) within several miles.

SparkCharge Portable EV Charger specs:



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Contact us for free full report

Web: <https://kary.com.pl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

