

SHORE POWER SYSTEM



Customized Power Solutions

The Shore Power System allows equipment being powered from Dataspeed's intelligent Power Distribution System (iPDS), a wall outlet, a vehicle battery/alternator, or an auxiliary battery to operate in a lab or garage setting. This solution allows equipment in the vehicle to stay powered without having the engine running or draining the vehicle battery, making it ideal for Internal Combustion Engine (ICE) vehicles. Simply plug into an AC power source and tap into the ability to charge, invert, and run equipment, all at the same time.

At Dataspeed, our goal is to provide a custom-fit solution that is perfect for each vehicle. When it comes to Shore Power System, one size certainly doesn't fit all. That is why the Dataspeed team requires specific information about a project vehicle such as power consumption and desired run time. By doing so, the team can identify the best Shore Power System to meet each customer's specific needs.



Shore Power System equipped in instrumentation rack

The Shore Power System boasts a modular design, allowing for a seamless fit in the trunk of a vehicle. The system can lend a helping hand by powering the latest in sensor technology for your project vehicle. Supporting a full sensor suite, including cutting-edge lidars, radars, cameras, LTE antennas, GNSS units, and data visualization displays, the possibilities for power-saving data collection are truly unparalleled. You can trust Dataspeed to provide the best in class solutions to meet your project needs.

Standard Shore Power System Kit

- Samlex 1212F AC/DC Inverter-Charger
- 12V 100Ah LiFePO4 Battery
- Charge Isolator
- Associated Cables and Fuses
- Associated Mounting Brackets and Fasteners
- Optional Secondary Battery*

*Dependent on driving scenario



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Partner with Dataspeed

Whether your company is just getting started in the autonomous vehicle (AV) industry or is looking to scale your vehicle fleet, Dataspeed has the solution for you. Our experienced team of engineers and business professionals can guide your organization in developing an action plan to meet your specific needs. We're skilled in full vehicle integration including by-wire implementation, sensor and computer installation, data acquisition, and vehicle communications. Our vehicle systems engineers have extensive experience creating custom hardware and software solutions. Contact us today to discuss how Dataspeed can accelerate your AV research and development.

