

SPAN Drive Datasheet

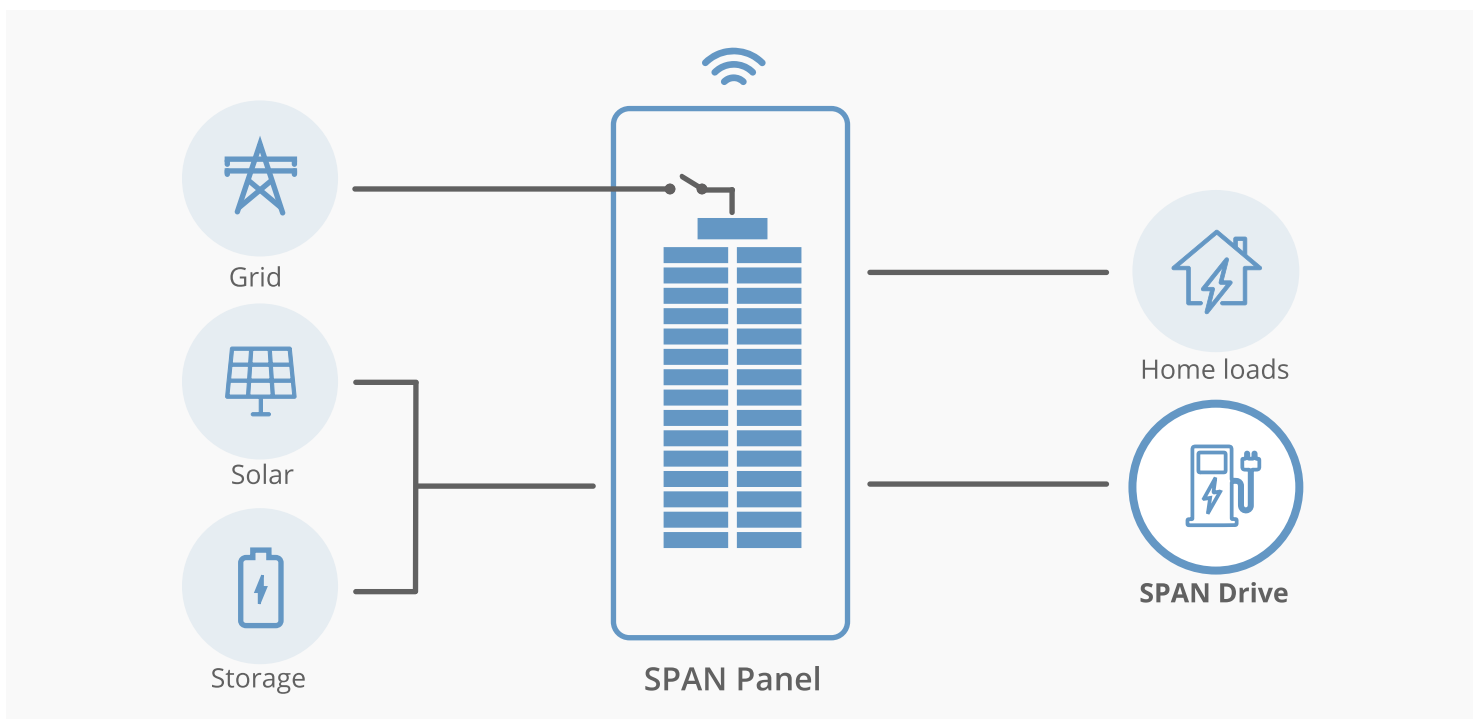


SPAN Drive is the first level 2 vehicle charger designed for real-time coordination with all home loads for max charging speeds and optimized energy usage without costly home electrical upgrades.

Pairs with your home to dynamically use as much energy as is available, delivering up to 48 amps (11.5 kW) — 1.5x the rate of typical Level 2 chargers

Unlocks level 2 charging for any home without needing to make any expensive electrical service upgrades

Looks as good as it performs and blends effortlessly with indoor and outdoor spaces as a worthy companion to your sleek EV



Performance Specifications

Max Power	11.52 kW (48 A)
AC Voltage (Nominal)	208 - 240 V single-phase
Grid Frequency	50 / 60 Hz
Output Current	6 - 48 A (configurable)
Max Continuous Current	48 A (60 A breaker)
AC Energy Metering	+/- 1%
Connectivity	RS485 Connection to SPAN Panel
User Interfaces	SPAN Home® App (iOS, Android), Onboard status illumination
Ground Fault Circuit Interrupter	Integrated (CCID20)
Limited Warranty	3 years

Mechanical Specifications

Connector Type	SAE J1772
Cable Length	20 ft (6.1 m)
Dimensions	17.9 x 5.9 x 3.1 in (455 x 150 x 80 mm)
Mounting Options	Wall mounted
Weight	16 lbs (7.2 kg)

Environmental Specifications

Operating Temperature	-22 to 122°F (-30 to 50°C) ¹
Operating Humidity (RH)	Up to 100% condensing
Environment	Indoor and Outdoor (NEMA 3R)
Maximum Elevation	3000 m (9842 ft) ¹

¹Drive units installed above 2000m must be installed in ambient temperatures less than 104°F (40°C).

Compliance Information

Certifications	UL 2594, UL 2231 ENERGY STAR® (PN 1-01400-04 and later)
Emissions	FCC Part 15 Class B
More	Meets NEC Art. 625 requirements

Compatibility

SPAN Drive is sold exclusively as an accessory to SPAN Panel and is not supported as a standalone charger. Drive can be used with any Battery or Plug-In Hybrid Electric Vehicle (BEV/PHEV) that is compliant with SAE J1772 (including Tesla).

Additional Features

- Dynamic charge management for service upgrade avoidance
- Charge on schedule
- Lock Drive to prevent unwanted charging sessions



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Authorized Installer™**

Scan the QR code or visit techportal.span.io to enter the **SPAN Tech Portal** and enroll as a SPAN Authorized Installer.