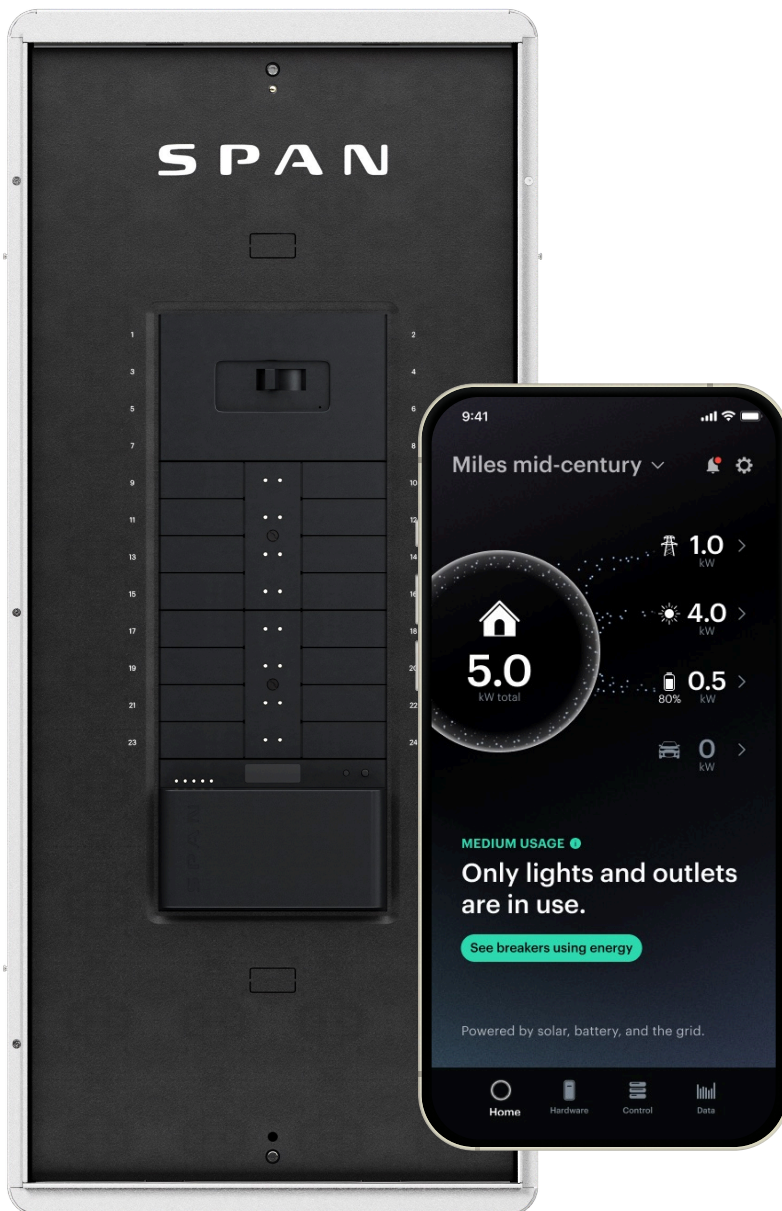# SPAN

SPAN Panel MAIN 16

Model number: PL4R-16MID200-FG

Circuit-level monitoring and control

Cost saving home energy insights

Flexible backup when paired with battery storage

Electrical
- Revenue-accurate energy monitoring
- 100 - 200A main breaker
- 225A Busbar

Installation
- Indoor and outdoor-rated
- Surface or semi-flush mounted
- Compatible with standard 1" breakers

Connectivity
- Ethernet, WiFi, Cellular
- Free over-the-air updates

Battery storage integrations
- Tesla Powerwall 3 (with Backup Switch, Backup Gateway 2, Backup Gateway 3)
- FranklinWH aPower aPower 1, aPower 2 (with aGate, aGate v1.3)

More control. More power.

SPAN goes beyond monitoring with the SPAN Home App® for real-time control and energy insights to bring your home's energy to life.

Combined with battery storage, SPAN gives homeowners the power to choose and change backup priorities whenever they want.

NOTE: SPAN Panel MAIN 32 is not compatible in a multi-panel configuration with SPAN Panel MAIN 16. SPAN Panel MAIN 32 is only compatible in a multi-panel configuration with additional SPAN Panel MAIN 32s.

SPAN

Specifications

Performance & Mechanical

Grid Connection	Single Phase
Grid Frequency	60Hz
Busbar Rating	225A
Controllable Circuit Spaces (up to)	16[1]
Feed-Through Lugs	Yes
Energy Management System	SPAN PowerUp™ with Firm Service Rating and Backup Overload Protection
AC Metering	Revenue Accurate +/- 0.5% on mains + all branch circuits
Breaker Compatibility	SquareD, Siemens, Eaton, and GE
Enclosure Rating	NEMA 3R
Max Branch Circuit Size	100A DP
Mounting Style	Surface or Semi-flush Mount
AC Voltage (Nominal)	120 / 240 or 208V / 120, L-L
Main Overcurrent Protection Device	Max 200A Main Breaker[2]
Maximum Input Short Circuit Current	22kA[3]
Enclosure Dimensions	32.5 x 14.3 x 6.5 in (H x W x D)
Weight (enclosure no door or deadfront) (Panelboard)	55 lb (25.1 kg) 19 lb (8.8 kg) 21 lb (9.7 kg)
Warranty	SPAN Panel: 10 years; SPAN Home Gateway: 5 years
Connectivity	Ethernet, Wifi (2.5, 5 GHz) (*Secondary: Cellular (4G / LTE)*)

Environmental

Operating Temperature	-22 to 122°F (-30 to 50°C)[4]
Operating Humidity (RH)	0-100%
Maximum Elevation	3000m[4]
Environment	Indoor, Outdoor

Accessories

Included	(1) SPAN Main Breaker (200A), (1) SPAN Neutral Lug Kit, (2) SPAN Ground Bars
Accessories for sale	SPAN Flush Mount Tim Kit, SPAN Current Transformer (CT) Kit, Additional SPAN Ground Bars[5], Additional SPAN Neutral Lug Kits[5]

Compliance

Certifications	UL 67, UL 916, UL 869A, UL 3141 [PCS]
Emissions	FCC Part 15 Class B
Other	NEC compliant listed Power Control System for load management

1 - Compatible with tandem/quad style breakers at all positions. Monitoring and control is combined when used.
2 - Service Entrance Rated when main breaker installed.
3 - 22 kA RMS symmetrical when installed with specific main breaker and branch circuit combinations.
4 - Panels installed above 2000m must be installed in ambient temperatures less than 104°F (40°C).
5 - SPAN always recommends using the proprietary SPAN accessory version to ensure compatibility.