

SPAN

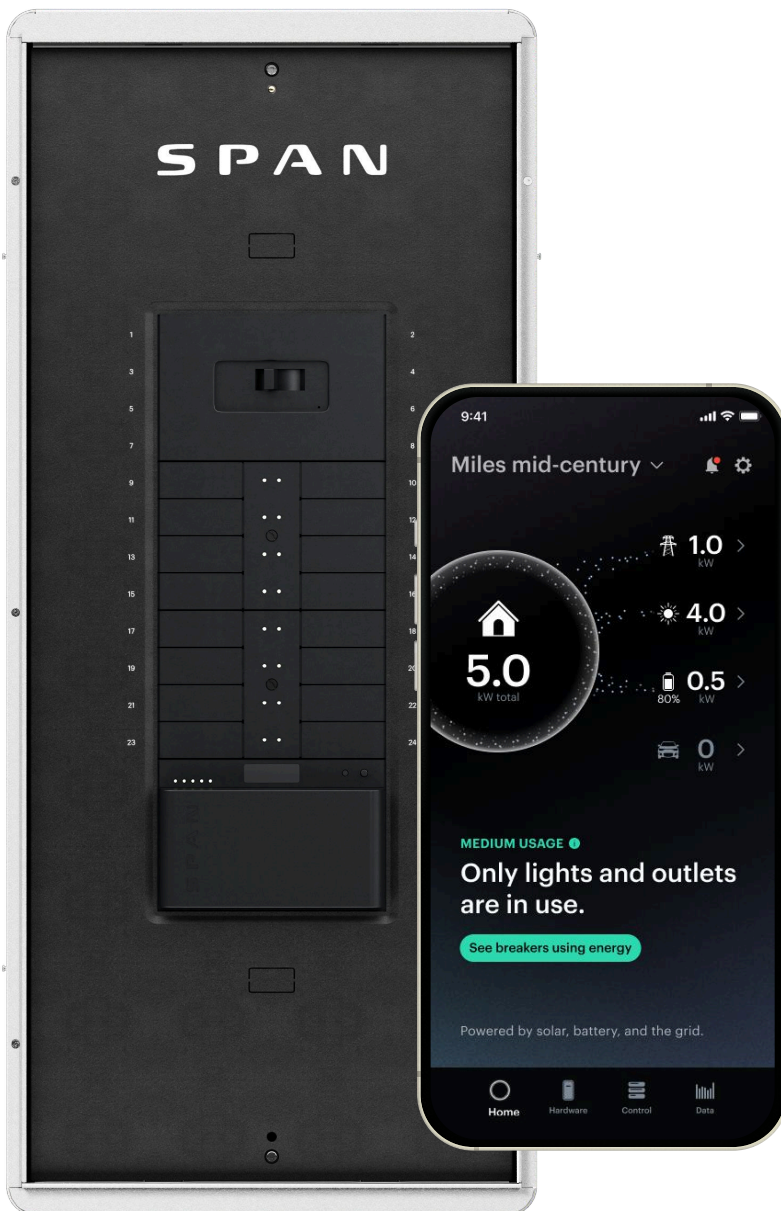
# SPAN Panel MAIN 16

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 with built in Microgrid Interconnection Device (MID)<sup>1</sup>
- 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<sup>®</sup> 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.

**IMPORTANT:** Commissioning must be performed by a SPAN Authorized Installer.

**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.

# Specifications

## Performance & Mechanical

Grid Connection	Single Phase
Grid Frequency	60Hz
Busbar Rating	225A
Controllable Circuit Spaces (up to)	16 <sup>1</sup>
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 <sup>2</sup>
------------------------------------	------------------------------------

Maximum Input Short Circuit Current	22kA <sup>3</sup>
-------------------------------------	-------------------

Enclosure Dimensions	32.5 x 14.3 x 6.5 in (H x W x D)
----------------------	----------------------------------

Weight	55 lb (25.1 kg)
(enclosure no door or deadfront)	19 lb (8.8 kg)
(Panelboard)	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))
--------------	--------------------------------------------------------------

## Accessories

Included	(1) SPAN Main Breaker (200A), (1) SPAN Neutral Lug Kit, (2) SPAN Ground Bars
----------	------------------------------------------------------------------------------

Accessories for sale	SPAN Flush Mount Trim Kit, SPAN Current Transformer (CT) Kit, Additional SPAN Ground Bars <sup>5</sup> , Additional SPAN Neutral Lug Kits <sup>5</sup>
----------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------

## Environmental

Operating Temperature	-22 to 122°F (-30 to 50°C) <sup>4</sup>
-----------------------	-----------------------------------------

Operating Humidity (RH)	0-100%
-------------------------	--------

Maximum Elevation	3000m <sup>4</sup>
-------------------	--------------------

Environment	Indoor, Outdoor
-------------	-----------------

## 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.