

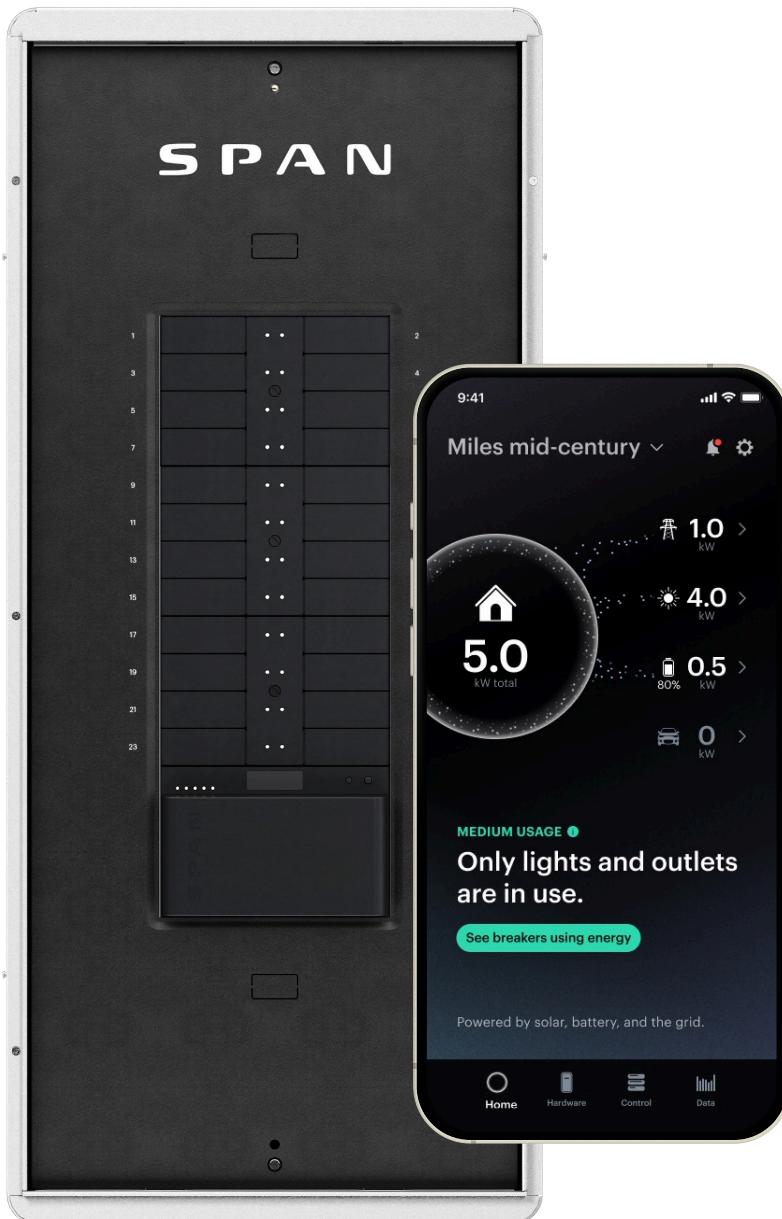
# SPAN Panel MLO 24

Model number: PL4R-24MLO225-FG

Circuit-level monitoring and control

Cost saving home energy insights

Flexible backup when paired with battery storage



## Electrical

- Revenue-accurate energy monitoring
- 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 MLO 24. 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	Operating Temperature	-22 to 122°F (-30 to 50°C) <sup>3</sup>
Grid Frequency	60Hz	Operating Humidity (RH)	0-100%
Busbar Rating	225A	Maximum Elevation	3000m <sup>3</sup>
Controllable Circuit Spaces (up to)	24 <sup>1</sup>	Environment	Indoor, Outdoor
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	N/A		
Maximum Input Short Circuit Current	22kA <sup>2</sup>		
Enclosure Dimensions	32.5 x 14.3 x 6.5 in (H x W x D)		
Weight (enclosure no door or deadfront) (Panelboard)	53 lb (24.2 kg) 19 lb (8.8 kg) 19 lb (8.8 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 Neutral Lug Kit, (2) SPAN Ground Bars
Accessories for sale	SPAN Flush Mount Tim Kit, SPAN Current Transformer (CT) Kit, Additional SPAN Ground Bars <sup>4</sup> , Additional SPAN Neutral Lug Kits <sup>4</sup>

## Environmental

Operating Temperature	-22 to 122°F (-30 to 50°C) <sup>3</sup>
Operating Humidity (RH)	0-100%
Maximum Elevation	3000m <sup>3</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 - 22 kA RMS symmetrical when installed with specific main breaker and branch circuit combinations.

3 - Panels installed above 2000m must be installed in ambient temperatures less than 104°F (40°C).

4 - SPAN always recommends using the proprietary SPAN accessory version to ensure compatibility.