SPAN

SPAN® Panel MAIN 40

Model number: PL7R-40MID200-FG

Monitor & control every circuit

Unprecedented cost saving home energy insights

Customizable, flexible backup when paired with battery storage



Electrical

- Revenue-accurate energy monitoring
- 100 - 200A Main Breaker with built in Microgrid Interconnection Device (MID)[1]
- 225A busbar rating

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, Franklin[2]

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.

[1]MID partners coming soon
[2]Integrated with Tesla Powerwall 3 only and FranklinWH; integration with other batteries planned for a future release

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Specifications

Performance & Mechanical

Grid Connection	Single phase
Grid Frequency	60Hz
Bus Bar Rating	225A
Controllable Circuit Spaces (up to)	40[1]
Feed-Thru Lugs	Yes, two feeds
Enclosure Rating	NEMA 3R
Max Branch Circuit Size	100A DP
Energy Management System	SPAN PowerUp™ capable, Backup overload protection
AC Metering	Revenue accurate +/- 0.5% on mains + all branch circuits
Breaker Compatibility	SquareD, Siemens, Eaton, and GE
Mounting Style	Surface or semi-flush mount
AC Voltage (Nominal)	208 / 240 VAC, L-L[2]
Main Overcurrent Protection Device	Max 200A Main Breaker[3], built in Microgrid Interconnection Device (MID)
Maximum Input Short Circuit Current	22kA[4]
Enclosure Dimensions	46.0 x 14.3 x 6.5 in (H x W x D)
Connectivity	Ethernet, Wifi (2.5, 5 GHz)
Warranty	SPAN Panel: 10 years; SPAN Home Gateway: 5 years

Additional Features

- Customizable whole-home battery storage
- Backup time remaining estimates
- Real-time load control
- Energy monitoring & insights
- Load management for upgrade avoidance

Environmental

Operating Temperature	-22 to 122°F (-30 to 50°C)[5]
Operating Humidity (RH)	0-100%
Maximum Elevation	3000m[5]
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 - PCS functionality for Panels operating at 208VAC not available at launch
3 - Service Entrance Rated when main breaker installed. If supply fed via branch circuit, max breaker rating is 100A.
4 - 22 kA RMS symmetrical when installed with specific main breaker and branch circuit combinations.
5 - Panels installed above 2000m must be installed in ambient temperatures less than 104°F (40°C).