

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, Franklin²

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.

¹MID partners coming soon

²Integrated with Tesla Powerwall 3 only and FranklinWH; integration with other batteries planned for a future release

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) |
| Weight (enclosure no door or deadfront) (Panelboard) | 109 lb (49.5 kg) 25 lb (11.3 kg) 41 lb (18.6 kg) |
| 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).