

The Leviton Load Center

Drawing upon our experience as a leader in the electrical industry, Leviton applied the latest technology to engineer a residential load center that is easy to install, aesthetically appealing and adept at delivering more complete protection for optimal safety.

Load Center Group



Features and Benefits

Optional Internet Connectivity

- View real-time energy consumption: total aggregate, individual circuit, or trends by week, month, and year
- Calculate your approximate total energy cost per month
- Remotely turn OFF any circuit breaker*
- View system status in real time and detect if critical loads need to be addressed
- Know when and why a circuit breaker trips
- Be informed if a load is ON or not drawing power for an extended time
- Via remote firmware updates, get the latest protection capabilities and newest features

*Not applicable to Main breaker. All circuit breakers must be manually turned back ON

Ease of Installation

- Terminate all hot and neutral wires at custom lugs in the panel, not at the circuit breaker**
- The entire panel can be wired at rough-in without circuit breakers installed
- At final installation, simply plug-on the circuit breaker
- No pigtailed on circuit breakers - ever
- Easily invertible for bottom feed applications
- Copper bus is a standard feature on all load centers
- Notches stamped into the enclosure for cable ties promote secure and neat wiring

**For applications up to 60A when using copper wire; or 50A when using aluminum wire

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Features and Benefits

Enhanced Safety

- Optional Hydraulic-Magnetic Circuit Breakers provide accurate tripping even in extreme temperature ranges^{***}
- Leviton GFCI, AFCI and Dual Function circuit breakers feature our patented reset lockout and will not reset if Ground or Arc Fault protection is compromised

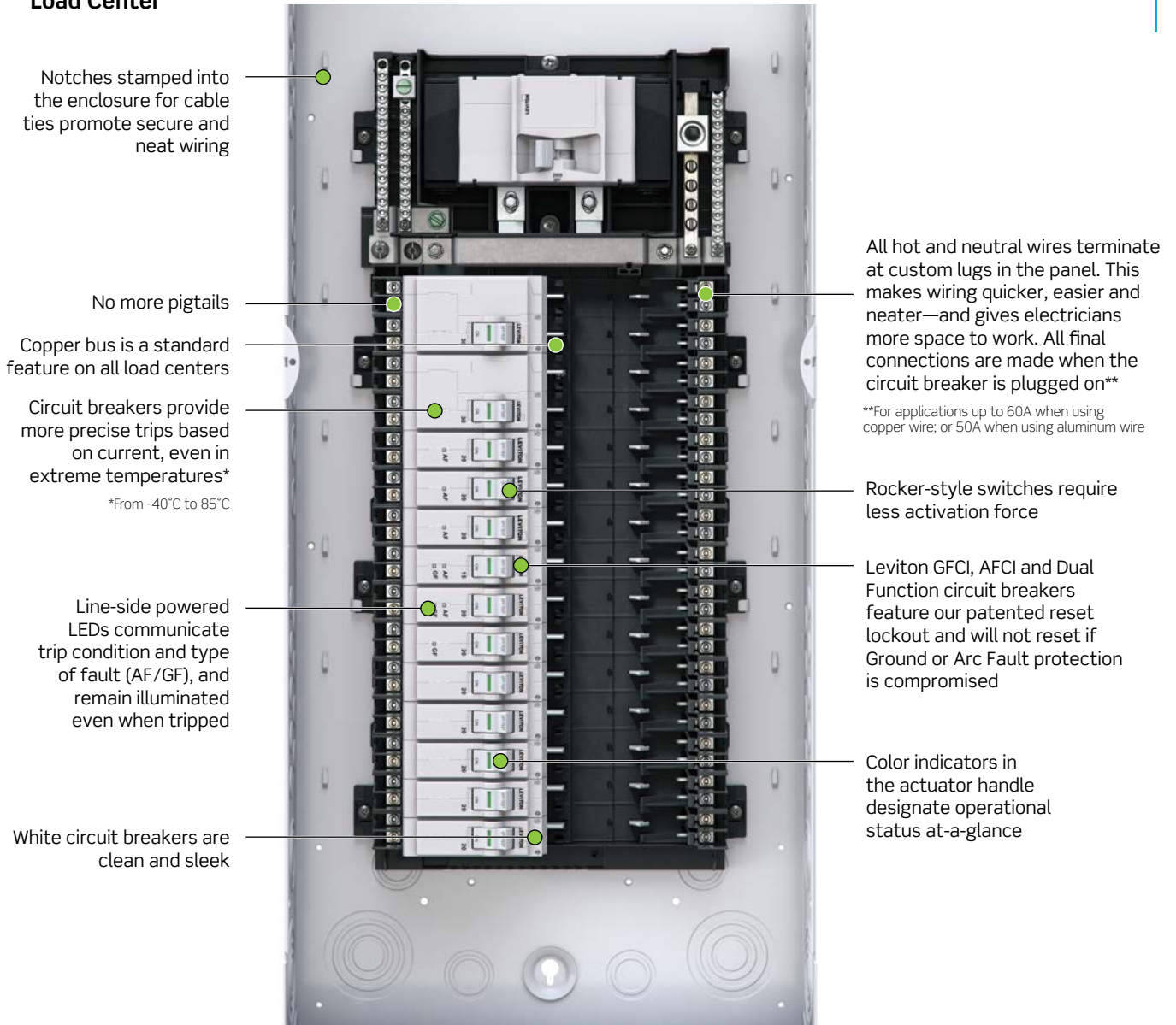
^{***}From -40°C to 85°C

Approachability

- Unique rocker-style actuator for easy switching
- Color indicators in the actuator handle designate operational status at-a-glance
- White circuit breakers display a clean, sleek appearance
- Line-side powered LEDs help communicate trip condition and type of fault (AF/GF) and remain illuminated even when the circuit breaker is in the tripped state
- White indoor enclosure with optional observation window^{****}

^{****}Outdoor enclosures come in standard gray

Load Center



Notches stamped into the enclosure for cable ties promote secure and neat wiring

No more pigtails

Copper bus is a standard feature on all load centers

Circuit breakers provide more precise trips based on current, even in extreme temperatures*

*From -40°C to 85°C

Line-side powered LEDs communicate trip condition and type of fault (AF/GF), and remain illuminated even when tripped

White circuit breakers are clean and sleek

All hot and neutral wires terminate at custom lugs in the panel. This makes wiring quicker, easier and neater—and gives electricians more space to work. All final connections are made when the circuit breaker is plugged on**

**For applications up to 60A when using copper wire; or 50A when using aluminum wire

Rocker-style switches require less activation force

Leviton GFCI, AFCI and Dual Function circuit breakers feature our patented reset lockout and will not reset if Ground or Arc Fault protection is compromised

Color indicators in the actuator handle designate operational status at-a-glance

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Load Centers — 1-phase, 3-wire, 120/240VAC, 22 kA short-circuit rating

Meter Main, UG/OH Service Entrance with Distribution Section and Feed-Through Lugs

Description	Spaces/Circuits	Rating	Cat. No.
Load Center Meter Combo Ringless, NEMA 3R Outdoor w/Main Breaker and Feed-Thru Lugs	8	150A	LP815-MC*
		200A	LP820-MC*
Load Center Meter Combo Ringless, Horn Bypass, NEMA 3R Outdoor w/Main Breaker and Feed-Thru Lugs	8	150A	LP815-HMC
		200A	LP820-HMC
Load Center Meter Combo Ringless, Lever Bypass, NEMA 3R Outdoor w/Main Breaker and Feed-Thru Lugs	8	150A	LP815-LMC*
		200A	LP820-LMC*
Load Center Meter Combo Ringless, Lever Bypass w/5th Jaw, NEMA 3R Outdoor w/Main Breaker and Feed-Thru Lugs	8	150A	LP815-5MC*
		200A	LP820-5MC*
Load Center Meter Combo Ring Type, NEMA 3R Outdoor w/Main Breaker and Feed-Thru Lugs	8	150A	LP815-RMC
		200A	LP820-RMC

Meter-Load Center Combination, All-in-One, UG/OH Service Entrance, EUSERC

Description	Spaces/Circuits	Rating	Cat. No.
No Bypass, Ring Type Cover	30	150A	LP315-MC
	30	200A	LP320-MC
	42	200A	LP420-MC

Semi-Flush Solar Ready Panels

Description	Spaces/Circuits	Rating	Cat. No.
Outdoor All-in-One UG/OH Semi-Flush (Solar Ready) Panel, NEMA 3R with Main Breaker, Ring Type Cover	12	125A	LP112-SR
	30		LP312-SR
Outdoor All-in-One UG/OH Semi-Flush (Solar Ready) Panel, NEMA 3R with Main Lug, Ring Type Cover	12	200A	LP120-SRL
	30		LP320-SR
Outdoor All-in-One UG/OH Semi-Flush (Solar Ready) Panel, NEMA 3R with Main Breaker, Ring Type Cover	30	200A	LP320-SR
	40		LP420-SR
Outdoor All-in-One UG/OH Semi-Flush (Solar Ready) Panel, NEMA 3R with Main Breaker, Ring Type Cover	40	225A	LP422-SR

*Meter Equipment Group (MEG) Approved



LP815-5MC



LP320-SR

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