The Leviton Load Center

The Future Made Current

THE FUTURE IS ON®

LEVITON®

Introducing the Latest in
Residential Power Distribution

Take power to new heights with the award-winning Leviton Load Center – the industry's most intelligent circuit breaker system available today. It's the smart solution that offers unparalleled management of your home's electrical system.

State-of-the-Art Technology
Builds a Smarter Load Center

Approachable
Modern design with intuitive functionality and appealing aesthetics

Smart
Wi-Fi® or Ethernet connection options for remote monitoring and tripping capabilities, remote firmware updates and more

Safer
The only GFCI circuit breaker that exceeds UL requirements for ground-fault protection
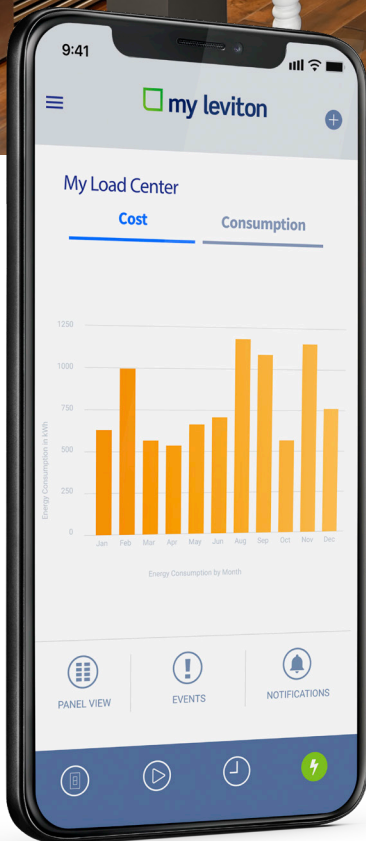
Easy Installation
Allows for all wiring at rough-in, without any circuit breakers present

" The first time I saw the Leviton Load Center **I was amazed**... I couldn't stop looking at it." - *Gianni Simone, Cerrone Builders*

What's a Smart Home without a Smart Circuit Breaker?

Using the intuitive My Leviton app, homeowners who select the Leviton Smart Load Center will enjoy easy access to four essential elements of their load center's data via a smartphone, tablet or desktop.
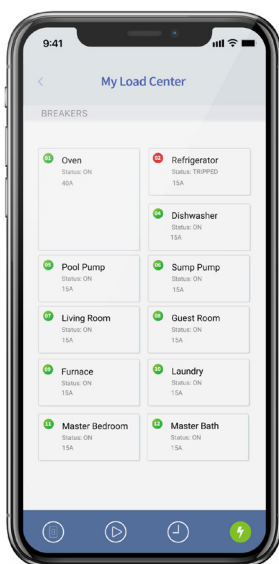
" Leviton's system goes a step further by integrating **smart technology directly into the breaker box** and individual circuit breakers, giving homeowners far more information on the power management in their homes.**"** *- The Verge[1]*
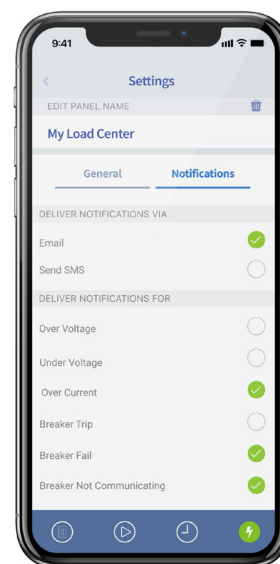
Energy Use

- View real-time energy consumption: total aggregate, individual circuit, or trends by day, week, month, and year

- Calculate your approximate total energy cost per month

Control

- Remotely turn OFF any circuit breaker[2]

- View system status in real time and detect if critical loads need to be addressed

Alerts & Updates

- 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

Single App Control with works with **my leviton**™

An industry first, the My Leviton app consolidates control of the Leviton Smart Load Center and the Decora Smart™ Wi-Fi® product lines, enabling users to seamlessly control load center activities and home lighting from anywhere in the world using their smartphone or tablet.

Available for download at

Download on the App Store   GET IT ON Google play

Safety
Priority One

As the only GFCI circuit breakers on the market that exceed UL requirements[3], Leviton GFCIs create a new standard for home safety.

Superior GFCI/AFCI Protection

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.

Why take chances?

Other load centers may allow users to reset circuit breakers and unknowingly **NOT** be protected from shock or fire hazards.

"

The Leviton Load Center is safer, **with added layers of safety** over traditional residential circuit breakers."*- Gianni Simone, Cerrone Builders*

Precision Trip Technology

By using more precise trip technology, the Leviton Load Center exceeds expectations, allowing circuit breakers to operate as intended over a wide range of temperature extremes: -40°C to 85°C (-40°F to 185°F) without re-rating. This offers peace of mind to users whose load centers are located in garages or outdoors where temperature extremes are common.

LED Diagnostics

Line-side powered LEDs remain lit, even when a circuit breaker is tripped, for easy identification of the type of fault (AF/GF).

"

The new Leviton Load Center makes it **very easy** for us and homeowners **to detect a tripped breaker** and know whether it is an arc-fault or ground-fault issue.**"** *- Corey Prehoda, Barlow Electric*

> After the first installation, I was hooked... The Leviton Load Center **saved us 3-1/2 hours** of installation time!**"**
>
> *– Corey Prehoda, Barlow Electric*

Easy to Install

Wire the entire panel at rough-in, without a single circuit breaker present. The Leviton Load Center's all plug-on design[4] increases job site efficiency and provides ample room for hands to move and work freely.

LOAD CENTERS | 1-phase, 3-wire, 120/240 VAC, 22kA short-circuit rating

NEMA 1 - Indoor *Order Cover & Door Assembly separately

Amp Rating	# of Spaces/Circuits	Enclosure Catalog Number*	Flush/Surface Mount Cover & Door Assembly Standard	with Observation Window
Main Breaker Factory Installed				
100	20	LP210-MB	LDC20	LDC20-W
125	20	LP212-MB	LDC20	LDC20-W
150	20	LP215-MB	LDC20	LDC20-W
200	20	LP220-MB	LDC20	LDC20-W
100	30	LP310-MB	LDC30	LDC30-W
125	30	LP312-MB	LDC30	LDC30-W
150	30	LP315-MB	LDC30	LDC30-W
200	30	LP320-MB	LDC30	LDC30-W
150	42	LP415-MB	LDC42	LDC42-W
200	42	LP420-MB	LDC42	LDC42-W
225	42	LP422-MB	LDC42	LDC42-W
200	66	LP620-MB	LDC66	LDC66-W
225	66	LP622-MB	LDC66	LDC66-W
Main Lugs Only				
125	20	LP212-ML	LDC20	LDC20-W
200	30	LP320-ML	LDC30	LDC30-W
225	42	LP422-ML	LDC42	LDC42-W
225	66	LP622-1L	LDC66	LDC66-W

NEMA 3R - Outdoor

Amp Rating	# of Spaces/Circuits	Catalog Number
Main Breaker Factory Installed		
100	20	LP210-3B
125	20	LP212-3B
200	20	LP220-3B
150	30	LP315-3B
200	30	LP320-3B
200	42	LP420-3B
225	42	LP422-3B
Main Lugs Only		
125	20	LP212-3L
200	30	LP320-3L
225	42	LP422-3L

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

Amp Rating	# of Spaces/Circuits	Catalog Number	Bypass	Cover
150	8	LP815-MC*	None	Ringless
200	8	LP820-MC*	None	Ringless
150	8	LP815-HMC	Horn	Ringless
200	8	LP820-HMC	Horn	Ringless
150	8	LP815-LMC*	Lever	Ringless
200	8	LP820-LMC*	Lever	Ringless
150	8	LP815-5MC*	Lever with 5th Jaw Installed	Ringless
200	8	LP820-5MC*	Lever with 5th Jaw Installed	Ringless
150	8	LP815-RMC	None	Ring Type
200	8	LP820-RMC	None	Ring Type

* Meter Equipment Group (MEG) Approved

Meter-Load Center Combination, All-in-one, UG Service Entrance, EUSERC

Amp Rating	# of Spaces	Catalog Number	Bypass	Cover
150	30	LP315-MC	None	Ring Type
200	30	LP320-MC	None	Ring Type
200	42	LP420-MC	None	Ring Type

MAIN CIRCUIT BREAKERS | Hydraulic-magnetic trip, 120/240 VAC, 22kA short-circuit rating

Amp Rating	2-Pole
100	LM100
125	LM125
150	LM150
200	LM200
225	LM225

ACCESSORIES

Locking & Latching Devices

Description	Catalog Number
Handle padlock device for branch circuit breakers	LBHPL
Handle padlock device for main circuit breakers	LMHPL
Door locking latch kit for indoor load centers	LDRLK
Door latch kit without lock for indoor load centers	LDRLA

Lugs, Ground and Neutral Bar Kits

Description	Catalog Number
Field-installable main/sub-feed lugs, 3 - 300	LL630
Ground lug, 6 - 2/0	LLGND
Neutral lug, 6 - 300	LLNTL
Phase/neutral load side lug, 14 - 4	LLPHN
Ground bar kit, 11 positions, 14 - 4	LGBKT
Neutral bar kit, 14 - 1/0	LNBKT

Outdoor & Meter Combination Load Center Accessories

Description	Catalog Number
Conduit hub, 1"	LHUB1
Conduit hub, 2"	LHB02
Conduit hub, 2 1/2"	LHUB2
Closing plate	LCLPT
5th Jaw	L5JAW
5th Jaw with neutral	L5JAW-N
Ground connector	LGDMC
Sealing ring	LRING

Miscellaneous

Description	Catalog Number
Manual transfer interlock kit	LITLK
Angle iron bracket for flush mount load centers	LBRKT
Circuit Identification Sticker (qty. 5)	LSTIK
Filler Plates (qty. 10)	LFPLT
Terminal covers for main circuit breaker	LTCVR
Bonding strap kit	LPBSK
Cover screw kit (qty. 6)	LDCSK

SMART BRANCH CIRCUIT BREAKERS | Hydraulic-magnetic trip, 120/240 VAC, 10kA short-circuit rating*

Catalog Number	Description
LDATA	Smart Breaker Data Hub

Using a Wi-Fi® or Ethernet connection, the LDATA Smart Hub collects data from smart circuit breakers and transmits it securely to the router

Smart Standard

Amp Rating	1-Pole	2-Pole
15	LB115-S	LB215-S
20	LB120-S	LB220-S
25	LB125-S	LB225-S
30	LB130-S	LB230-S
35	-	LB235-S
40	-	LB240-S
45	-	LB245-S
50	-	LB250-S
60	-	LB260-S
70 - 125	-	LSBMA**

**Smart Breaker Metering Accessory; CT-based design, cannot remotely update or trip breaker

Smart AFCI

Amp Rating	1-Pole
15	LB115-AS
20	LB120-AS

Smart AFCI/GFCI - Dual Function

Amp Rating	1-Pole
15	LB115-DS
20	LB120-DS

Smart GFCI - 5 mA Ground Fault
Protection of Personnel

Amp Rating	1-Pole	2-Pole
15	LB115-GS	LB215-GS
20	LB120-GS	LB220-GS
25	LB125-GS	LB225-GS
30	LB130-GS	LB230-GS
40	-	LB240-GS
50	-	LB250-GS
60	-	LB260-GS

Smart GFPE - 30 mA Ground Fault
Protection of Equipment

Amp Rating	1-Pole	2-Pole
15	LB115-ES	LB215-ES
20	LB120-ES	LB220-ES
25	LB125-ES	LB225-ES
30	LB130-ES	LB230-ES
40	-	LB240-ES
50	-	LB250-ES
60	-	LB260-ES

*Series Rated 22kA with Leviton Main Breaker; see Series Ratings Tables for additional Ratings

BRANCH CIRCUIT BREAKERS | Hydraulic-magnetic trip, 120/240 VAC, 10kA short-circuit rating*

Standard

Amp Rating	1-Pole	2-Pole
15	LB115	LB215
20	LB120	LB220
25	LB125	LB225
30	LB130	LB230
35	-	LB235
40	-	LB240
45	-	LB245
50	-	LB250
60	-	LB260
70	-	LB270
80	-	LB280
90	-	LB290
100	-	LB200
110	-	LB211
125	-	LB212

AFCI

Amp Rating	1-Pole
15	LB115-AF
20	LB120-AF

AFCI/GFCI - Dual Function

Amp Rating	1-Pole
15	LB115-DF
20	LB120-DF

GFCI - 5 mA Ground Fault
Protection of Personnel

Amp Rating	1-Pole	2-Pole
15	LB115-GF	LB215-GF
20	LB120-GF	LB220-GF
25	LB125-GF	LB225-GF
30	LB130-GF	LB230-GF
40	-	LB240-GF
50	-	LB250-GF
60	-	LB260-GF

GFPE - 30 mA Ground Fault
Protection of Equipment

Amp Rating	1-Pole	2-Pole
15	LB115-EP	LB215-EP
20	LB120-EP	LB220-EP
25	LB125-EP	LB225-EP
30	LB130-EP	LB230-EP
40	-	LB240-EP
50	-	LB250-EP
60	-	LB260-EP

*Series Rated 22kA with Leviton Main Breaker;
see Series Ratings Tables for additional Ratings

1. Leviton's new smart Load Center brings app control to your circuit breakers, Smart circuit breakers are here. By Chaim Gartenberg www.theverge.com/circuitbreaker/2019/2/19/18231753/leviton-smart-load-center-app-control-circuit-breakers-ios-android

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

3. The UL943 standard exempts GFCI circuit breakers from detecting and warning when the trip solenoid and/or switching semiconductor fails in the "open" state, rendering the GFCI circuit breaker incapable of tripping in response to a fault condition, resulting in complete loss of GFCI protection.

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

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