



EV Series

Safe, Smart Electric Vehicle Charging

FOR RESIDENTIAL, COMMERCIAL, FLEET AND PUBLIC APPLICATIONS





SINGLE-FAMILY
Detached or semi-detached homes



MULTI-FAMILY
Apartments, condos and other MDUs



WORKPLACE
Office buildings or corporate campuses



SINGLE-FAMILY
Detached or semi-detached homes



EV Series Standard

EV320 • EV480 • EV800

A GREAT ALL-AROUND CHARGER

- Fast and secure charging of any SAE J1772™* compatible electric vehicle
- Optional access control; station comes with RFID disabled - simply tap RFID card to activate
- Cable design prevents cord from freezing and cracking in extreme weather
- For indoor and outdoor use, with a thermoplastic, water-resistant enclosure rated NEMA Type 3R
- Easy installation with pre-attached input cable and mounting hardware included

* Leviton's NACS Adapter allows our Level 2 charging stations to charge all Teslas as well



EV Series Smart Home

MY LEVITON COMPATIBILITY

EV32W • EV40P • EV48W • EV80W

ALL THE FEATURES OF THE STANDARD EV SERIES PLUS...

- Control your entire smart home, including electric vehicle charging, lighting and load center
- Schedule charging sessions
- Log charging sessions (charge duration, kW usage, etc.)
- Remotely start/stop charging
- View all smart devices on one dashboard
- View charging status
- Receive fault notifications

LEVITON
EV-Pro

Leviton Certified
EV Charging Installer

**LOOKING FOR A
CERTIFIED INSTALLER?**

Scan here
to view EV-Pro
Contractors
in your area.



EV Series

Safe, Smart Electric Vehicle Charging



EV charger management and
networking powered by AmpUp



EV Series Pro MANAGEMENT SOFTWARE VIA 4G

STANDARD FACE

EV48G • EV80G

FEATURING LCD STATUS SCREEN

**EV48S • EV80S • EV48S-DP
(DUAL PORT)**

MULTI-SITE, MULTI-STATION MANAGEMENT IN A SINGLE DASHBOARD

- Real-time analytics and data
- Automated charging and sustainability reporting
- Create multiple user groups for access control
- Control pricing according to user group access

CHARGING MANAGEMENT SOFTWARE THAT MEETS BOTH DRIVER AND ADMINISTRATIVE NEEDS

- Multiple access control policies available via RFID, with the ability to tailor restrictions based on the needs of your site
- Notifications to station users for charging availability and business communications
- Advanced load management for lower costs while maintaining station volume
- Revenue collection during off-peak hours to offset cost
- Fleet telematics integration capabilities

The brand that goes beyond the charger...

At Leviton, we don't just provide EV chargers, we provide the total EV electrical infrastructure, including surge protection, load center, metering, safety disconnects, and more.



Ordering Information



ALL LEVITON EV CHARGERS ARE
ENERGY STAR & UL CERTIFIED

EV Series Standard (No App or Networking Capabilities)

EV320, EV480, EV800

EV Series Smart Home: My Leviton Compatibility

EV32W, EV40P, EV48W, EV80W

- View charging station status, fault notifications, and more!
- My Leviton app control can include electric vehicle charging, lighting and load centers



EV Series Pro: Management Software Via 4G

EV48G, EV80G (Standard Face)

EV48S, EV80S (Feat. LCD Screen),

EV48S-DP (Feat. Dual Port and LCD Screen)

- Multi-site, multi-station management in a single dashboard
- Charging management software that meets both driver and administrative needs



AmpUp Software Options*

Can be added upfront to your purchase of a EV Series Pro charger

1-Year Pro Plan & Activation **EPRO1**

5-Year Pro Plan & Activation **EPRO5**

1-Year Multi-Plan Activation **EMDU1**

*Note: Each port requires 1 software activation

REFER TO COLOR CODES FOR MODEL DETAILS	EV320	EV32W	EV40P	EV480	EV48W	EV48G	EV48S	EV48S-DP	EV800	EV80W	EV80G	EV80S
Amperage	32 A		40 A**		48 A			48 A x 2		80 A		
Breaker	40 A		50 A		60 A			60 A x 2		100 A		
Voltage	208/240 VAC											
Charge Connector Cord	#10 AWG SAE J1772*			#7 AWG SAE J1772*				#9 AWG SAE J1772*	#6 AWG SAE J1772*			
Charging Cable Length	18 ft. (5.5 m)		25 ft. (7.6 m)		18 ft. (5.5 m)			18 ft. (5.5 m) x 2		18 ft. (5.5 m)		
Hardwire/Plug-In	Hardwire		Plug-In					Hardwire				
Station Operating Temp.	-22 °F to 122 °F (-30 °C to 50 °C)											
Enclosure Rating	NEMA Type 3R for both Indoor/Outdoor Use											
Standards & Certification	UL2594, UL 2231-1, UL 2231-2, UL 2251, UL 62, UL 991, UL 1998, NFPA 70 Article 625, UL840, CSA Std. C22.2#280											
Access Control	All stations come with optional access control via RFID cards											
Warranty (Limited)	2-Year					3-Year	3-Year	3-Year	2-Year		3-Year	

* With Leviton NACS Adapter (Part Number: NACSA), Leviton's Level 2 charging stations can charge all Teslas

** Adjustable from 16 A - 40 A

Pedestal w/Retractable Cord Management

FULL PEDESTAL IS MADE OF THE FOLLOWING
PARTS - 3 MUST BE PURCHASED TOGETHER

Pedestal Body **EPCM1-OF3**

2 Charger (Side/Side)
Mounting Template* **EPCM2-OF3***

Retractable Cord Mgmt System **EPCM3-OF3**

Dual Port Charger Accessory Kit **APCMX****

*Not required with the EV Series Dual Port Charger

**For use only with the EV Series Dual Port Charger



EV Pedestal Foundation

A direct-bury installation option for use with any pedestal. Allows for simplified installations and future-proofing properties.

EBASE



Additional RFID Cards

For use with any EV Series Charger

ERFID



NEMA 14-50R EV Charging Heavy Duty Single Receptacles*

EV Grade **1450R**

EV Grade, Weather-Resistant **1450W****

EV Grade, Weather-Resistant, Pre-assembled
in Outdoor Metal Cover **EVCVM-50**

*For use only with plug-in EV charging station (Leviton EV40P)

**Must be installed in a 2-gang outdoor box and must use code
compliant weatherproof cover



NACS Adapter

For use with any EV Series Charger

NACSA



EV SERIES ACCESSORIES

Single or Dual Mount Pedestals

Single Mount **EPED1**

Dual Mount, Front/Back **EPED2**

Dual Port Accessory Kit
(Enables EPED2 to mount a single
EV48S-DP unit) **APED2****

Wall Hook **EHOOK**

**For use only with the EV Series Dual Port Charger



Visit our Website at:

www.leviton.com/EVcharging

email: commercial@leviton.com

Q-1503E

101625

Leviton Manufacturing Co., Inc.

201 N Service Rd, Melville, NY 11747

Telephone: 1-800-323-8920 • FAX: 1-800-832-9538

Tech Line: 1-800-824-3005 (M-F 8AM-10PM; Sat 9AM-7PM; Sun 9AM-5PM)

© 2025 Leviton Manufacturing Co., Inc. All rights reserved.