

Schneider Charge

The smart residential electric vehicle charging solution

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Schneider Electric

Table of contents

Introduction 1

Features and Benefits 2

Specifications 3





Introduction

Schneider Charge

The smart residential EV charging solution

Designed by Schneider Electric, the home electrification leader millions of American homes trust, Schneider Charge provides Level 2 charging while helping you avoid costly electrical upgrades.





Features and Benefits

A charger designed for you.
Smart, flexible, and smoothly installed.

Dynamic load management

SmartAmp prevents exceeding panel capacity by balancing charging speed with home energy use

Smart home connectivity

Monitor charging speed in real time with the Schneider Charge app

Save more with smart charging schedule

Built for your needs

High power output with up to 11.5 kW

Choose between the two most common connector types (NACS and J1772)

Outdoor or indoor installation

Simple installation

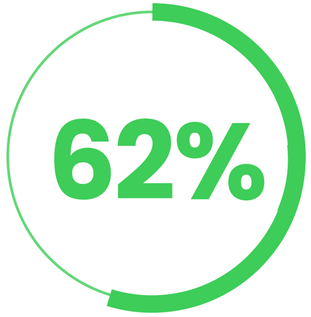
Designed for easy installation by your local electrician or through Schneider Electric partner Qmerit's installer network

Why dynamic load management matters

Did you know? Level 2 EV charger installations typically call for homeowners to upgrade their electrical panels. Conventional solutions to avoid the panel upgrade include permanently reducing the charging speed, or installing expensive additional hardware for energy monitoring.



of American single-family homes have a panel rating lower than 200 A[1]



of homes have capacity constraints in the service panels[1]

$2K–6.5K

Service upgrade cost[2]

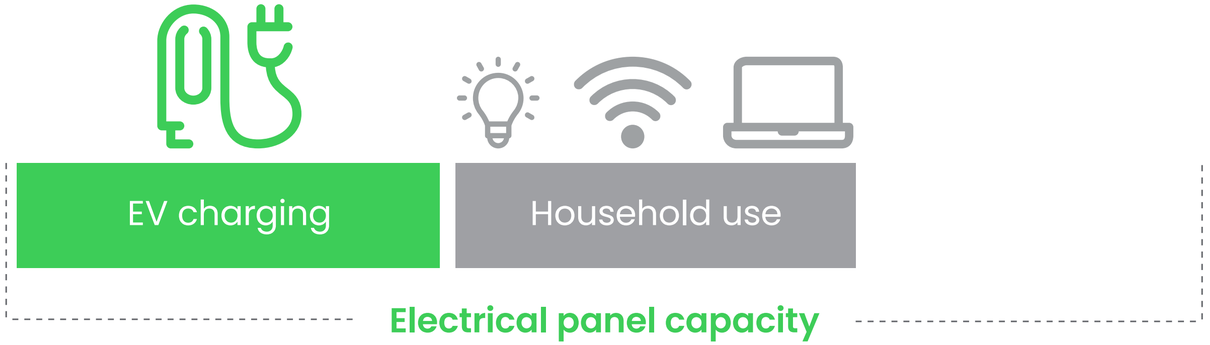
1. National Renewable Energy Laboratory, US Department of Energy (2024)
2. Based on average cost of electrical service and main panel replacement

Introducing SmartAmp load management

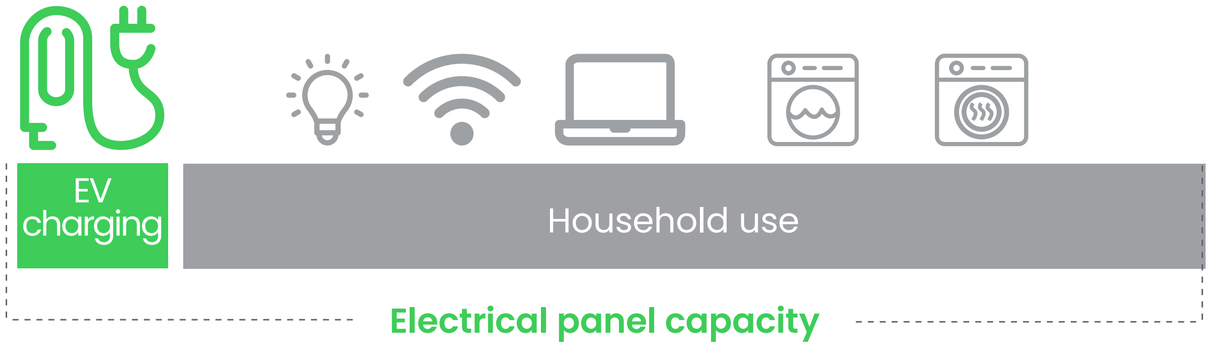
SmartAmp helps avoid the need for costly electrical service upgrades or an additional energy monitor. No installation surprises - that's Schneider Charge.

- Automatically **adjusts charging speed** according to your home's electrical load
- Prevents energy use from reaching **maximum panel limit**
- Helps you avoid **pricey service upgrades** and minimize **installation costs**
- **No extra hardware** needed for energy monitoring

Full speed charging when household electrical consumption is low.



When consumption is high, charging speed dynamically adjusts to keep total electrical consumption within panel capacity.



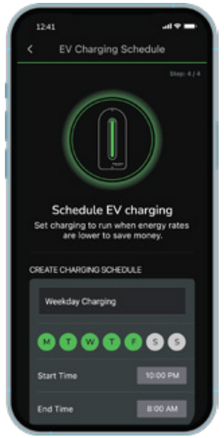
Schneider Charge app

Smart app to manage charging sessions

Schedule charging sessions based on best time-of-use (TOU) rates and monitor charging speed in real time, including when SmartAmp load management is active.



Check in on current charging session



Schedule charging during off-peak times



Shows when load management feature is active



Specifications

Specifications

Schneider Charge	EVRBA48ANAMJ3400	EVRBA48ANAMJ1772
Connection type	J3400 (NACS)	J1772
Power output	11.5 kW	
Cable length	25 ft (7.5 m)	
Operating temperature	-22 °F to +122 °F (-30 °C to +50 °C)	
Enclosure type and rating	Type 4 Outdoor/Indoor	
Warranty	3 years	
Certification	UL 2594, UL 2231-1, UL 2231-2, UL 3141, ULC 3141[1], UL 5500, CSA C22.2 No. 280-22, CSA C22.2 No. 281.1-12, CSA C22.2 No. 281.2-12, Energy Star	
EMC	FCC Part 15 Class B, ICES	
Dimensions (H x W x D)	15.4 x 6.83 x 4.06 in (392 x 174 x 104 mm)	
Weight	12.8 lb (5.8 kg)	
Environmental standards	REACH, EU RoHS	

View full specification list

1. LoA type compliance

To learn more about
Schneider Electric visit

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