

Full Solid State Chargers



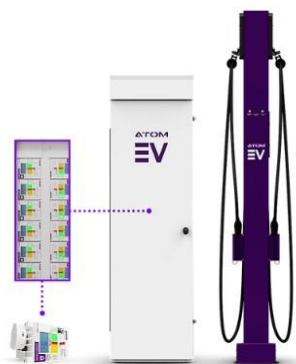
Atom EV E54 48A Solution

Designed for fleets and other businesses that need flexible EV charging at large scale, Atom EV E50 Series offers a full range of programmable level 2 charging from 1.4 kW to 11.2 kW.

- Fast level 2 charger with up to 48A and speed up to 11.2 kW
- Centralized charging at panel-level
- Up to 38% savings through peak demand avoidance with Atom's dynamic power management
- Up to 57% savings in total cost of ownership over 5 years
- Single or dual bollard-like pedestal or steel wall box options with 18' (standard) or 25' (optional) cable lengths

Specifications

Connector type	SAE J1772
Charging cables	18' (standard)
Charging status	LED Indicator
Charging power	1.4 kW - 11.2 kW
Output current	15A - 48A
Input current	48A at 208VAC - 240VAC
Frequency	60 Hz
Panel input wiring	3 phase, 3-wire (L1, L2, GND)
Panel outputs	2-12
Panel enclosure rating	NEMA type 3R Indoor/Outdoor
Operating temperatures	-30°C to +50°C (-22°F to +122°F)
Operating humidity	0 to 95% relative humidity, non-condensing
Short circuit current rating	200kA
Certifications	UL 2594, UL 2231-1/2, UL 489, UL1998, NEC 625, FCC Part 15 Class A, Energy Star, BAA/TAA compliant, ADA compliant



Atom EV E54 48A Solution with Off-the-Ground Cable Management

The best cable management solution in the market. Designed to be more reliable, durable, and safe.

- Fast level 2 charger with up to 48A and speed up to 11.2 kW
- Centralized charging at panel-level
- No uncontrolled cable or plug fly-backs due to spring loaded self-retracting design
- Tested for up to 35% more full cable extension operations
- Constant pull force is 70% lighter than competition
- Single or dual bollard-like pedestal with 18' (standard) or 25' (optional) cable lengths

Specifications

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Charging status	LED Indicator
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Panel input wiring	3 phase, 3-wire (L1, L2, GND)
Panel outputs	2-12
Panel enclosure rating	NEMA type 3R Indoor/Outdoor
Operating temperatures	-30°C to +50°C (-22°F to +122°F)
Operating humidity	0 to 95% relative humidity, non-condensing
Short circuit current rating	200kA
Certifications	UL 2594, UL 2231-1/2, UL 489, UL1998, NEC



Atom EV E58 80A Solution

Designed for fleets and businesses that need fast, reliable EV charging at scale. Atom EV E50 Series offers a full range of programmable level 2 charging from 1.4 kW to 19.2 kW.

- Fastest level 2 charger with up to 80A and speed up to 19.2 kW
- Centralized charging at panel-level
- Up to 46% savings through peak demand avoidance with Atom's dynamic power management
- Up to 57% savings in total cost of ownership over 5 years
- Single or dual bollard-like pedestal or steel wall box options with 18' (standard) or 25' (optional) cable lengths

Specifications

Connector type	SAE J1772
Charging cables	18' (standard) or 25' (optional)
Charging status	LED Indicator
Charging power	1.4 kW - 19.2 kW
Output current	15A - 80A
Input current	80A at 208VAC - 240VAC
Frequency	60 Hz
Panel input wiring	3 phase, 3-wire (L1, L2, GND)
Panel outputs	2-6
Panel enclosure rating	NEMA type 3R Indoor/Outdoor
Operating temperatures	-30°C to +50°C (-22°F to +122°F)
Operating humidity	0 to 95% relative humidity, non-condensing
Short circuit current rating	200kA
Certifications	UL 2594, UL 2231-1/2, UL 489, UL1998, NEC 625, FCC Part 15 Class A, Energy Star, BAA/TAA compliant, ADA compliant

ATOM[®] EV - LEVEL 2 SYSTEM DESIGN GUIDE

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