

AC CHARGER on Compact Pedestal



**12 kW and 19.2 kW
charger configurations**

Maximize Charging Capacity in Minimal Space

The Noah Energy AC Charger on Compact Pedestal delivers a sleek, **dual-port** Level 2 charging solution, ideal for **space-constrained** environments. Combining a minimal footprint with **rugged durability and flexible installation**, it enables more vehicles to charge in less space while simplifying deployment and **maximizing site utilization**.

Use Cases



Residential & Multi-Family Housing



Hospitality, Education, Municipalities



Workplace & Office Buildings



Retail & Parking Lots



Automotive & Transportation



Commercial Fleets

Benefits

Minimized Footprint, Maximum Flexibility. The slim, space-saving design fits easily into tight environments where traditional pedestals cannot, making it ideal for urban sites, retrofits, and constrained parking areas

Cleaner, Safer Experience. Integrated cable management keeps cables organized and off the ground, improving safety, reducing clutter, and enhancing overall site appearance.

Enables Monetization. POS-ready functionality supports paid charging, enabling site hosts to generate revenue and adapt to evolving payment models.

Lower Installation Complexity & Cost. Single- or dual-cable input options align with site conditions, reducing electrical rework and enabling faster, simpler installation.

Built for Real-World Durability. Rugged, outdoor-rated construction ensures reliable performance in harsh environments while minimizing long-term maintenance and replacement costs.

Higher Revenue per Install. Dual-port capability allows more vehicles to charge per unit, maximizing utilization and delivering stronger ROI from limited real estate.

Features

SPACE-EFFICIENT COMPACT DESIGN

- Slim, vertical pedestal (61.08 x 14.65 x 10.55 inches) minimizes installation footprint
- Ideal for tight parking lots, urban sites, and retrofit environments
- Clean, modern form factor with integrated cable and hardware layout

DUAL-PORT CAPABILITY

- Supports simultaneous charging of two AC units
- Maximizes utilization per installed pedestal
- Reduces infrastructure cost per charging port

INTEGRATED PAYMENT READINESS

- POS terminal compatible for payment-enabled deployments
- Enables monetization for public and semi-public charging
- Supports evolving payment and revenue models

FLEXIBLE POWER CONFIGURATION

- Supports 12 kW or 19.2 kW power configurations
- Compatible with standard 208V / 240V systems
- Simplifies integration across different site conditions

INSTALLER-FRIENDLY MOUNTING

- Purpose-built pedestal simplifies charger deployment
- Clean base and cable routing for professional installation

DURABLE, OUTDOOR-READY CONSTRUCTION

- 304 stainless steel enclosure with powder coating
- IP44 / IK10 rated for weather and impact resistance
- Operates in extreme environments (-30°C to +50°C)

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Technical Specifications

AC CHARGER SPECIFICATIONS	
ELECTRICAL	
CHARGING TYPE	Level 2
POWER OUTPUT / CURRENT	12 kW / 50 A; 19.2 kW / 80 A
INPUT / OUTPUT VOLTAGE	208 / 240 VAC, 60 Hz
EFFICIENCY	≥ 95%
LOAD MANAGEMENT	Networked chargers share power across a site; dynamic current adjustment prevents breaker trips
CONNECTOR & INTERFACE	
CONNECTOR TYPE	SAE J1772
USER INTERFACE	Freevend, RFID, APP, payment terminal
AUTHENTICATION	LED indicators; outdoor glare-resistant LCD display
CONNECTIVITY & NETWORK	
NETWORK & COMMUNICATION	OCPP 1.6J, OTA upgradeable to 2.0.1; Wi-Fi, Ethernet, 4G LTE; built-in WEB UI configuration
SAFETY & CERTIFICATIONS	
PROTECTION SYSTEMS	Over-voltage, under-voltage, over-current
CERTIFICATIONS	UL 2594, UL 2231-1/2, UL 991 / UL 1998, UL 2251; NEC Article 625
ENCLOSURE & ENVIRONMENTAL	
ENCLOSURE RATINGS	NEMA 3R, IP 54
OPERATING TEMPERATURE	-30 °C to +50 °C
INSTALLATION & SERVICE	
MOUNTING OPTIONS	Wall or pedestal
DESIGN FOR SERVICE	Quick-connect back panel (2 screws)
PHYSICAL	
DIMENSIONS (H×W×D)	25.59 x 19.29 x 5.94
WEIGHT	15.43 lbs or 17.64 lbs
WARRANTY	
WARRANTY	Standard 3 years
PEDESTAL SPECIFICATIONS	
MECHANICAL	
MATERIAL	304 stainless steel
COLOUR	Dark grey
PROCESS	Powder Coating
ENVIRONMENTAL	
OPERATING TEMPERATURE	-30°C to +50°C
STORAGE TEMPERATURE	-40°C to +85°C
HUMIDITY	5% to 95% no condensation
OPERATING ALTITUDE	≤2000m
PROTECTION & DURABILITY	
PROTECTION RATINGS	IP44, IK10
PHYSICAL	
DIMENSIONS (H×W×D)	61.08 x 14.65 x 10.55 inches
WEIGHT	50.71 lbs
WARRANTY	
WARRANTY	Standard 3 years