

PION POWER

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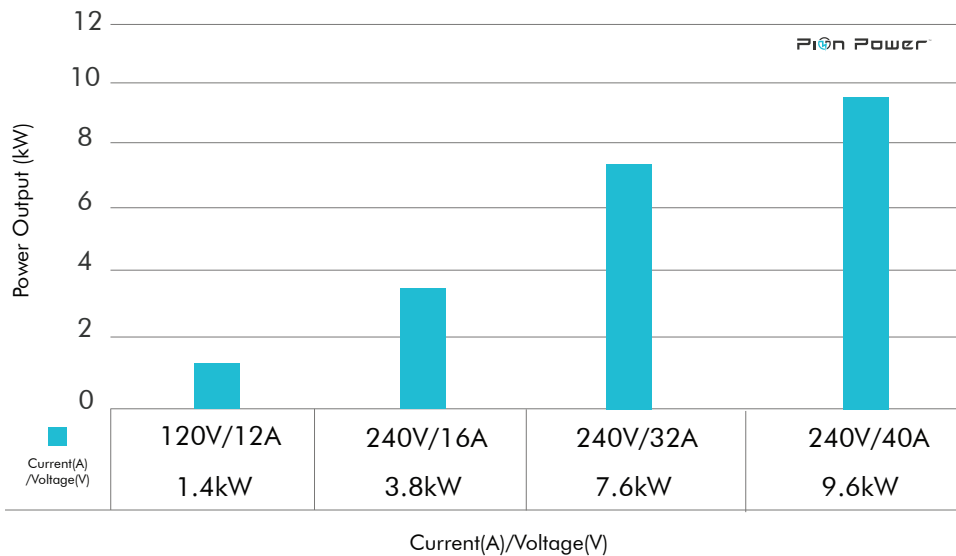
PRODUCT FEATURES

EV Flex-AC Charger

A portable level 2 EV Charger that can switch between 100V-250V charging voltage automatically
 Application : Passenger and commercial electric vehicles

FASTER

- The flagship EFAC40-NA11 model has a maximum output of 9.6kW (level 2 at 40A), charging up to 7x faster than level 1 chargers.



SAFER

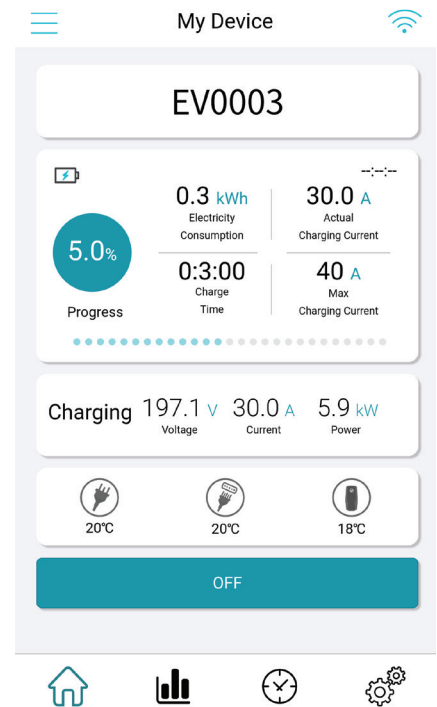


	Pion Power Flex-AC EVSE	Other EVSEs
Temperature Sensors	Triple-layer overheating protection and automatic charging recovery; each plug, connector and control box are equipped with its own temperature control unites.	Standard 1 to 2 over-heating protection layers.
Safety Protection	Comprehensive protection for overvoltage, undervoltage, overheating, overcurrent, leakage, grounding, lightning, fire/flame, water, dust and antistatic.	Standard protection for overvoltage, undervoltage, overcurrent, leakage, fire/flame, water, dust and antistatic.
Water Resistance	NEMA 4 (IP66)	IP65
Leakage Protection	Highly responsive 20mA&20ms	30mA&40ms
Fire Protection	UL94: 5VA	UL94 : V0
Control Box Construction	5mm thickness construction capable of withstanding 1m drop test and 2-ton vehicle crush test.	3 mm
Adaptor Life Cycles	10,000 insertion and removal	<300

PRODUCT FEATURES

SMARTER

- **Intelligent outlet detection:** automatically switches between 120V Level 1 (N5-15P) and 240V Level 2 (N14-50P) charging. Compatible with a wide voltage range between 100V to 250V, including common household 120V, 208V and 240V circuits.
- Save electricity cost by scheduling charging sessions during off-peak hours with the Pion Smart Charger app.
- Monitor real-time charging data (voltage, current, power, time, and temperature) on the app and receive push notifications if an error occurs.
- Connect to the Flex-AC at home or on the road via Wi-Fi internet or its own wireless hotspot.
- Multiple-user support enables sharing device access with family and friends.



VERSATILE

- Portable design is suitable for both wall-mounting at home as well as easily transportable for travel on the road in the included carrying case.
- Wide power output range (from 1.4kW to 9.6kW), suitable for different EVs from subcompacts to SUVs and trucks.
- SAE J1772 connector compatible with most electric vehicles in North America, including Tesla models with the use of an adapter.
- Modular power adapter models provide maximum versatility for use with different types of power outlet.
- Stylish and elegant design, available in either black or white color with the option to personalize your Flex-AC with a selection of vibrant covers (sold separately).



*Other case colors are optional

PRODUCT SPECIFICATIONS

Model	EFAC40-NA11		EFAC32-NA11	
Adapter	N5-15P	N14-50P	N5-15P	N14-50P
Input Voltage	120Vac	240Vac	120Vac	240Vac
Output Current	12A	40A	12A	32A
Output Power	1.4kW	9.6kW	1.4kW	7.6kW
Output Voltage	100-250 volt AC single -phase			
Input Frequency	60Hz			
Control Box Material	PC+PBT. Flame retardance UL94: 5VA			
Connector & Handle Material	PC+PBT. Copper, silver-plated			
Cable Material	Copper + TPE			
Total Length	22ft (6.6 meters) with charging handle installed			
Impact Resistance	Able to withstand 3.3ft (1 meter) freefall drop and 4,409 lbs (2,000kg) vehicle crush test without critical damage.			
LED Indicator	Red/green/blue			
Operating Temperature	-22°F to 122°F (-30°C to 50°C)			
Working Humidity	5% to 95% without condensation			
Working Altitude	<1.24 miles (2,000 meters)			
Enclosure Type	NEMA 4 (IP66)			
Operating Environment	Indoor/Outdoor			
Cooling Method	Natural cooling			
Multiple Protection	Over voltage protection, Under voltage protection, Over heating protection, Overcurrent protection, Leakage protection, Grounding protection, Lightning protection, Fire and flame protection, Waterproof, Dust proof, Antistatic protection			
Safety Standard	UL 2594, UL 2231-1, UL 2231-2, CSA C22.2 No. 280, CSA-C22.2 No. 281.1, CSA-C22.2 No. 281.2			
Carrying Case Dimensions	15.35 x 13.78 x 5.12 inch		14.17 x 13.39 x 4.33 inch	
Package Dimensions	17.72 x 16.14 x 7.28 inch		16.73 x 15.94 x 6.70 inch	
Net Weight	12.3 lbs (5.6 kg)		8.8 lbs (4.0 kg)	
Gross Weight	18.3 lbs (8.3 kg)		14.3 lbs (6.5 kg)	
External Packing	Carton			
Charging Handle/ Connector Life Cycle	10,000 insertion/removal events (no load)			
Communication	Wi-Fi, Hotspot			
Application	Android/IOS			
Warranty	2-year limited warranty			