



EV CHARGING + ENERGY STORAGE SOLUTIONS



[nxuenergy.com](https://www.nxuenergy.com)

**Nxu™ creates
EV charging and
energy storage solutions
for the infrastructure
we need to power our
electrified future.**



Introducing the NxuOne™ EV Charging Solutions

Key Features

- UNPARALLELED POWER:** Our systems offer a standard 750kW of high powered DC charging capabilities and can ramp up to an unmatched 1.5MW, making us the highest-powered charging system in the market.
- UNIQUE PULL-THROUGH DESIGN:** NxuOne is focused on high powered charging solutions designed to support pull-through stations, while optimizing convenience and efficiency.
- RELIABILITY YOU CAN TRUST:** With near 100% reliability and uptime, we take pride in both owning and operating our equipment. We ensure consistent power, without splitting charge levels, so you get the charge you need, every time.
- NXU™ CLOUD:** Beyond just charging, our cloud system offers specialized features tailored for fleet management and control, streamlining operations and ensuring optimal fleet performance.
- SUBSCRIPTION-BASED MODEL:** Shift from capital expenditure to operational expenditure with our subscription model, making high-powered EV charging more financially accessible.

Nxu™ is not just a technology company; we're pioneers in e-Mobility and energy storage solutions. With industry-leading grid level energy storage, charging infrastructure, and the Nxu Cloud's over-air management, we're shaping the future of transportation. Our subscription-based model turns high capital costs into manageable operational expenses, ensuring that the path to electrification is both efficient and economical.

Discover a future where energy and innovation converge. Learn more at www.nxuenergy.com.



The NxuOne™ charger is a game-changer in today's charging world, offering power levels from 750 kW to over 1500 kW. Its innovative design and robust performance make it a standout in the modern electric landscape. This flexible and powerful charging system is perfect for busy high-ways, expansive EV fleets, and bustling industrial zones. Employing our innovative, future-proofed, dedicated power delivery system, the NxuOne™ ensures that high-power energy is seamlessly delivered to provide an astonishing charge of up to 1500 kW for a single vehicle. This sophisticated architecture not only guarantees rapid charging, but also optimizes the utilization of charging assets, setting a new standard in the world of electric vehicle charging infrastructure.

In an era where electric vehicles are becoming the norm and industries are increasingly adopting electric equipment, there's a growing demand for efficient, rapid, and dependable charging solutions. NxuOne™ rises to this challenge with its top-notch technology and unparalleled performance. It's more than just a charging station; it's a commitment to seamless, high-speed charging. With NxuOne™, we're shaping the future of EV charging, envisioning a world where extended wait times at charging stations are obsolete. Our mission is to take on big, complex challenges with technology that makes a lasting impact.

Future proof.

- The output cable is not tied to a specific standard or type and can be any applicable solution, as requested.
- The Nxu™ Megawatt+ Charging System is compatible with NACS, CCS, MCS, and NxuOne™ Standards.
- The NxuOne™ Cable System is designed to handle upwards of 4.5MW of capacity in a single cable.

Seamless Cloud Experience

- Integrated cloud management solution for charging, payment, and partner APIs.

User Experience Excellence

- The NxuOne™ charger delivers a superior user experience, enriched by its advanced software.
- It features a long charge cable for user convenience. Furthermore, its streamlined design enhances reliability.

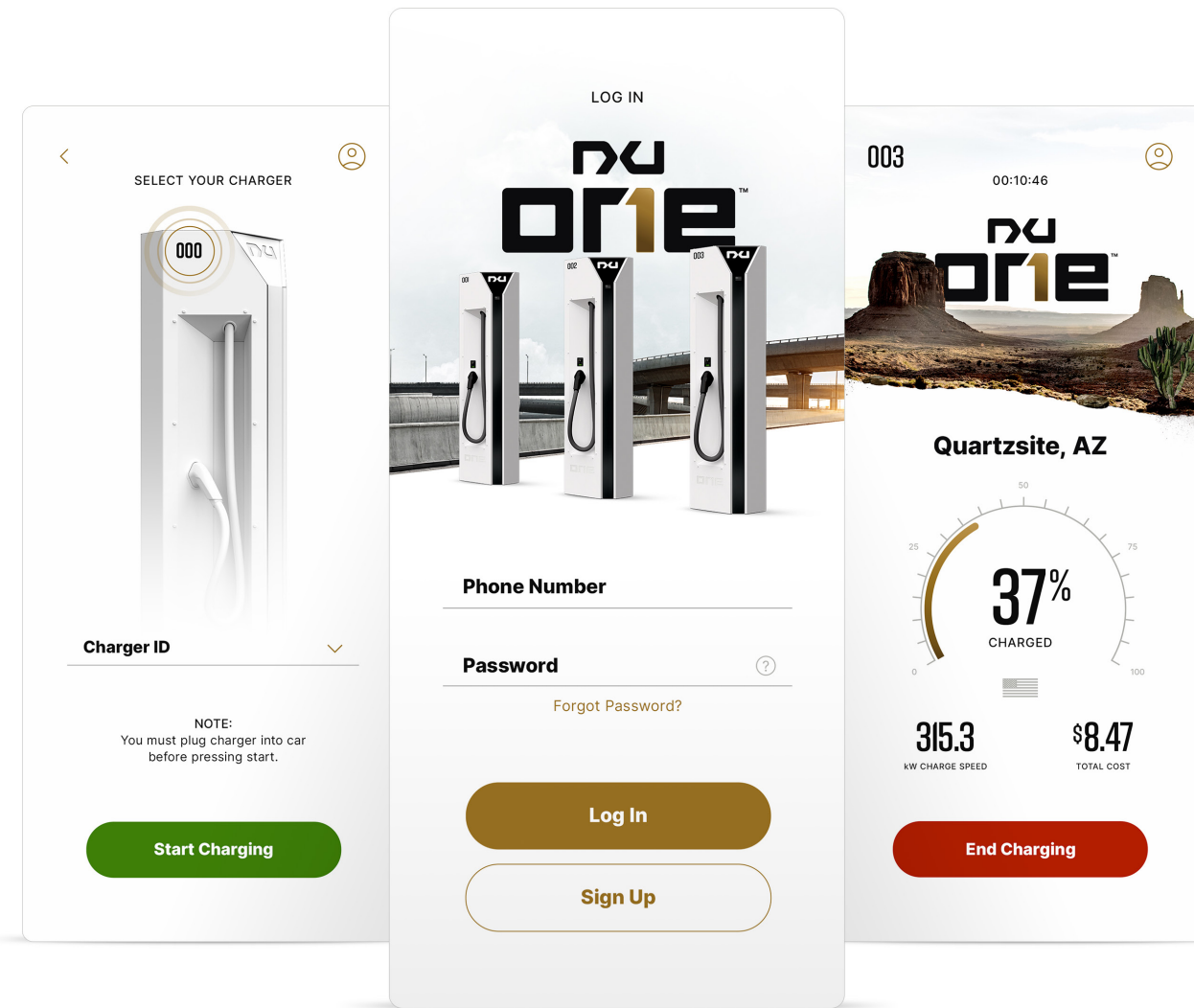


1.5+
MEGAWATT
CHARGING



Nxu™ Mobile App

- TIME LEFT ON CHARGE:** Estimate your wait time with precision, so you can manage your schedule while your vehicle charges.
- PERCENTAGE OF CHARGE:** Monitor the exact battery level of your vehicle, allowing you to plan your trips or stops effectively.
- CHARGE RATE:** Understand the speed at which your vehicle is charging, giving insights into the efficiency of the charging process.
- TOTAL COST:** Keep an eye on the total cost as you charge with real-time updates.
- CHARGE CONTROL:** Exercise full control over the charging process, allowing you to start, stop, or modify the charging based on your needs.
- FAULT NOTIFICATIONS:** Immediate alerts for any charging anomalies or issues, ensuring safety and reliability.



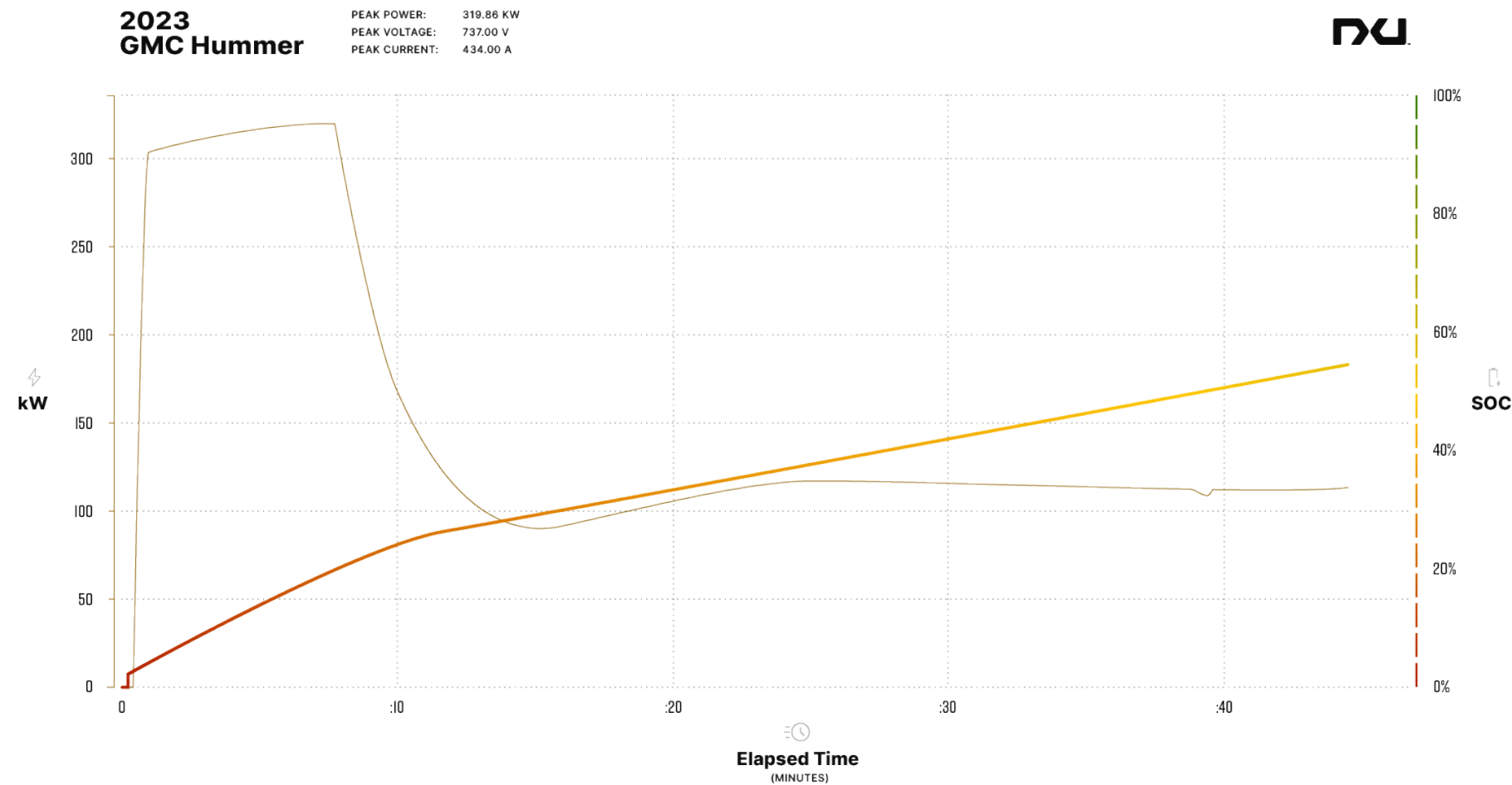
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COMING SOON

Ahead of the curve.

ADDITIONAL
CHARGING CURVE DATA
PG 30-36

Charging curves are pivotal in understanding the efficiency and performance of EV chargers. These graphs represent the relationship between the charge power and the state of charge of the battery. In the provided data and graphs, we can observe the efficiency of the NxuOne™ charger across various vehicle types and charging scenarios. In these examples: the steeper the curve, the faster the battery reaches its full capacity, signifying the power and speed of the charger, unmatched to others.



The accompanying data complements these curves by providing detailed numerical insights into each charging session performance with detailed analytics. By analyzing this data, we can pinpoint the exact moments where the charger delivers peak performance, ensuring that vehicles get back on the road in the shortest time possible. This combination of visual and numerical data showcases the unparalleled efficiency and power of the NxuOne™ charger, making it a game-changer in the realm of EV charging.

Moreover, by comparing the different curves, it's evident that the NxuOne™ charger adapts to various vehicle models and battery capacities. Whether a Hummer at 300kW+, or a Lucid at 900Vdc+, this adaptability guarantees optimal charging regardless of the EV model, further emphasizing the charger's versatility and forward-thinking design. As the electric mobility landscape evolves, data-driven insights and quick adjustments determined by charging metrics will continue to play a crucial role in refining and optimizing charger performance. The NxuOne™ charger, backed by this data, is poised to lead the charge in this electrifying revolution.

Session	SOC	kWh	Time	Current	Volts	Power	Prox	Measure A	State	Temp 1	Temp 2	Temp 3	Active
972	6	0.004195753	2.01508975	22	312	78	340	68.13590901	0.696580513	52	56	28.85567766	13
972	6	0.019312449	2.015038729	79	318	111	340	164.4354501	0.696580513	52	55	31.74468864	19
972	6	0.060761296	2.015008688	208	327	131	335	274.1099275	0.696580513	52	55	25.96666667	23
972	6	0.12375658	2.015026569	310	336	145	339	385.1218985	0.696580513	52	55	25.48516484	25
972	6	0.214855451	2.015110731	437	346	194	336	447.9840989	0.696580513	52	55	31.74468864	34
972	6	0.311625876	2.01538229	448	349	193	335	445.3091116	13.4800085	52	55	34.63369963	34
972	6	0.416389983	2.015279293	486	354	210	340	486.7714141	25.02633055	52	55	25.003663	34
972	6	0.416389983	2.015007496	486	354	210	340	491.4526418	29.56238564	52	55	30.78168498	37
972	6	0.522061071	2.015021563	490	356	212	339	497.4713631	32.8613348	53	55	31.74468864	38
972	6	0.635459242	2.015001774	498	358	215	340	497.4713631	34.51080938	53	55	32.70769231	38
972	7	0.743654779	2.015117407	499	360	215	334	497.4713631	36.5726526	53	55	27.41117216	38
972	7	0.854779186	2.015255451	499	361	215	340	497.4713631	37.39738989	53	56	29.33717949	38
972	7	0.963979853	2.015257597	499	362	215	338	497.4713631	39.04686447	54	56	33.67069597	38

1.5+ MEGAWATT CHARGING

UNPARALLELED POWER:

Delivering an awe-inspiring 1.5MW of power, the Megawatt+ charging system is designed to meet the demands of the most power-hungry electric vehicles and industrial equipment.

A WORLD FIRST:

Proudly presenting the world's first demonstrated MW+ charging solution, Nxu is setting new industry benchmarks and shaping the future of electric mobility.

FUTURE-PROOF DESIGN:

No longer be confined by charging standards or protocols. Our universal output cable isn't tied to a specific standard or type, accommodating any applicable solution as requested. Nxu Megawatt+ is designed with compatibility in mind, flawlessly working with NACS, CCS, MCS, and NxuOne Standards.

SEAMLESS CLOUD EXPERIENCE:

Beyond just charging, our integrated cloud management solution streamlines charging, payment, and partner integrations, providing a holistic and user-friendly experience.

RELIABLE ASSEMBLY:

Ensure durability and longevity with our 20-foot cable. Count on the ruggedized system to stand up to wear and tear, guaranteeing reliability and consistent performance.

BROAD VOLTAGE SUPPORT:

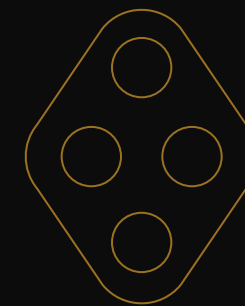
With capabilities to handle voltages up to 480VAC 3-phase AC charging and DC Link, Megawatt+ is versatile, addressing a wide range of charging needs that even the MCS standard falls short of.

Introducing Megawatt+ Advanced Charging

In the rapidly evolving world of electric vehicle charging infrastructure, Nxu has pioneered a monumental leap with its Megawatt+ advanced charging system.



Standard agnostic.



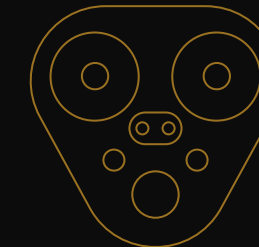
NXU



NACS



CCS



MCS

With Megawatt+ advanced charging, you're investing in a solution that's not only advanced but also adaptable, durable, and unparalleled in power delivery. Experience the next generation of EV charging with Nxu.

Consistent & efficient power.

BESS Solutions by Nxu™

In the dynamic landscape of EV charging, Nxu's proprietary Battery Energy Storage Systems (BESS) maximize efficiencies to consistently power EV chargers, independent of the grid's capabilities, creating a seamless experience for end-users. Nxu BESS also plays a pivotal role in reinforcing the surrounding infrastructure as an integrated microgrid and distributed energy solution.

Key Benefits

- Ensures consistent power availability, even during peak demand or grid instability.
- By storing renewable energy sources, BESS contributes to a greener and cleaner environment.
- Improves the overall efficiency of the power system by balancing supply and demand.
- Reduces the load during peak demand times, helping to manage and reduce energy costs.



Supporting the Local Grid & Community

GRID STABILIZATION: Our BESS solution aids in stabilizing the local grid, reducing the chances of blackouts or brownouts.

COMMUNITY BENEFITS: Beyond just charging, our BESS solution localizes clean energy, reducing the reliance on non-renewable sources, and aiding in local energy management.

With the integration of our Megawatt+ advanced charging and the BESS solution, Nxu offers a holistic approach to EV charging infrastructure. Our focus is not just on providing power, but ensuring that the entire ecosystem—from infrastructure to local community—benefits from our innovations.

Adapts to Existing Infrastructure

NO MORE WAITING: Our solution eliminates the need for lengthy transformer lead times or utility upgrades. We adapt to what's already there, ensuring a quicker and more efficient setup.

COST-EFFECTIVE: By integrating with existing infrastructure, costs are minimized, making the transition to electric more affordable.





Public charging stations.

Redefining the EV Charging Experience

Enter the next generation of EV charging at Nxu's public charging stations, enhanced for the electric era. Spacious pull-through bays accommodate even the longest trailers, all under expansive canopies that shield against the elements. While your vehicle benefits from consistent, undivided high power—thanks to our no-power-split promise—you can relax in our lounge or utilize amenities like clean bathrooms, trash bins and Wi-Fi.

At Nxu, we blend the familiar comforts of conventional gas stations with the advanced needs of EV charging, offering an unmatched experience that current charging sites don't provide. Experience EV charging, the Nxu way.

See our product offerings for more details about our public charging applications.

Commercial charging.

Powering the Backbone of Business

In the demanding realm of commercial operations, the right charging infrastructure can significantly influence efficiency and productivity. Nxu delivers an unmatched charging solution tailored specifically for depots, trucking hubs, refueling stations, and fulfillment centers.

Our state-of-the-art hardware boasts the most powerful charging systems available today. With the ability to deliver rapid, high-capacity charges, our systems ensure that commercial vehicles, regardless of their size, receive the energy they need swiftly, minimizing downtime and maximizing operational output.

Owning both the hardware and software gives Nxu an edge in quality control. We guarantee not only the durability and efficiency of our charging stations, but also the reliability and adaptability of our integrated software solutions. This holistic approach allows us to be true partners in your electrification journey. Whether it's accessing advanced charging diagnostics data or utilizing fleet management controls, Nxu provides tools that empower businesses to optimize their electric fleets seamlessly.

Choose Nxu and invest in a charging solution that understands the nuances of commercial operations, and is built to power the future of business. We're partnering with businesses and transportation hubs to ensure their operations run smoothly, efficiently, and ahead of the curve.

NEVI Compliant.



NEVI Compliant Charging Solutions

Aligned with the New Electric Vehicle Infrastructure standards, ensuring state-of-the-art functionality and compatibility.

INTEROPERABILITY:	Assures seamless operation across different EVs and charging systems.
OCPP COMPLIANT:	Adherence to the New Electric Vehicle Infrastructure standards and Open Charge Point Protocol ensures top-tier functionality and universal compatibility.
CCS COMPATIBILITY:	Each DCFC charging port supports any Combined Charging System (CCS) and North American Charging Standard (NACS) compliant vehicle, ensuring broad adaptability.
VOLTAGE & POWER FLEXIBILITY:	DCFC charging ports support output voltages between 250 and 920 volts DC, with a continuous power delivery rating of at least 150 kW, ensuring rapid, efficient charging.
SECURE PAYMENTS:	Inclusive of a contactless payment option, toll-free phone number or SMS system for the customer to initiate charging sessions with multilingual functionality, and Payment Card Industry Data Security Standards (PCI DSS) compliance.
SAFETY & CERTIFICATION:	Ensures OSHA certification and compliance with appropriate Underwriters Laboratories (UL) standards for EV charging system equipment.
INTEROPERABILITY & COMMUNICATION:	Conforms to ISO 15118 standards, Open Charge Point Protocol (OCPP) 1.6J or higher, and Open Charge Point Interface (OCPI) 2.2.1. Facilitates secure charger-to-charger and charger-to-network communications, ensuring seamless user experience.
REMOTE CAPABILITIES:	Remote software update, monitoring, and smart charge management capabilities ensure easy maintenance and user convenience.
DIVERSE PAYMENT OPTIONS:	Displays real-time price in kWh, with transparency in pricing, ensuring customer clarity and trust.
EQUIPMENT INTEGRITY:	Emphasizes a durable and robust design, capable of efficiently operating in varied environmental conditions.
FUTURE-PROOF DESIGN:	Built to accommodate upcoming innovations in EV infrastructure, including “Plug-and-Charge” capabilities and effortless OCPP integration.
CUSTOMER SERVICE & DATA PRIVACY:	Guarantees real-time, multilingual reporting for outages, with strict measures in place to safeguard consumer privacy.
OPTIMAL UPTIME:	Ensures an annual average of 97% uptime at the charging port level, offering reliable charging solutions for users.

Power. Precision. Promise.

Key Features

- ADVANCED CHARGING CABLES:** Enjoy the convenience of high-powered and ultra-lightweight CCS and NACS charge cables.
- ULTRA-HIGH-POWER CHARGING:** Delivering 750kW and beyond, our system consistently meets diverse charging requirements without sacrificing power delivery.
- SLEEK AND COMPACT DESIGN:** An elegant charge post or quick-deploy charge container, featuring a minimal footprint, and quick utility connection, houses our advanced integrated power, cooling and control systems.
- BUILT TO LAST:** Trust in our ruggedized construction that's designed for longevity in any environment.
- SAFETY FIRST:** Prioritizing user safety, our system is meticulously designed to ensure peace of mind during every charge.
- INTUITIVE STATUS LIGHTING:** Our integrated LED lighting dynamically change colors based on the charging status, providing clear visual feedback for users.



Technical Specifications

- CUTTING-EDGE COOLING:** Our patented liquid-cooled technology ensures efficiency and longevity.
- ROBUST FRAMEWORK:** Durably constructed with an IP54 rating and a sturdy framework.
- FUTURE-READY COMMUNICATION:** Embedded 5G wireless modules ensure seamless connectivity.
- WIDE VOLTAGE COMPATIBILITY:** Adaptable to a market-leading voltage range from 150V to 1000V DC.
- UNIVERSAL CHARGING PROTOCOLS:** NACS, CCS, MCS or NxeOne, our system remains protocol agnostic, promising versatility.
- STREAMLINED PAYMENTS:** Integrated Cloud API for credit card processing and diverse payment options.
- INSTALLATION FLEXIBILITY:** Compatible with a wide range of voltages from 400Vac to 480Vac at 50 and 60 Hz supporting multiple market deployments.
- ADVANCED PROTECTION:** Built-in surge protectors safeguard against potential lightning strikes.
- ALL-WEATHER OPERATIONS:** Reliable functionality, even in extreme cold and heat, from -30C to 55C.
- COMPREHENSIVE POWER MANAGEMENT:** Efficient site power management and detailed reporting capabilities.
- FUTURE INNOVATIONS:** Stay ahead with upcoming features like ISO 15118 Plug and Charge technology and seamless OCPP integration.

Unmatched Forward-Thinking Benefits

- EFFICIENT DEPLOYMENT:** Our systems ensure swift installations, translating to reduced setup costs.
- MAXIMIZED LIFESPAN:** Designed to minimize wear, ensuring a longer life with less maintenance.
- RELIABILITY YOU CAN TRUST:** We pride ourselves on offering uptime that surpasses industry standards, backed by a streamlined, screenless design.
- SIMPLIFIED USER EXPERIENCE:** With our intuitive cloud software, charging becomes as easy as connect, and start.
- UNIFIED CLOUD INTERFACE:** A comprehensive cloud solution for charging, payments, and more.
- DEPENDABLE HARDWARE:** Our 20-foot cables and ruggedized systems promise durability and efficiency.
- READY FOR TOMORROW:** Starting at 750 kW and scalable up to 1500 kW, our chargers can power every EV at full capacity simultaneously. Compatibility with solar energy, storage solutions, and EMS underscores our commitment to sustainable growth.

NxuOne™ Pedestal



Key Features

- Proprietary liquid-cooling technology for peak efficiency.
- Integrated Cloud API supports a variety of payment options.
- Built-in surge protection safeguards against potential electrical disturbances.
- Reliable functionality, even in extreme cold and heat, from -30C to 55C.

Power & Performance

ULTRA-HIGH-POWER CHARGING:	Delivering a robust and powerful 750kW Upgradable upto 1.5MW.
RAPID RANGE BOOST:	Achieve up to 300 miles of range in as little as 10 minutes of charging.

Design & Build

SLEEK AESTHETICS:	Easy to install pedestal.
DURABLE CONSTRUCTION:	Rugged build with an IP54 rating, designed for long-lasting performance.
ADVANCED CHARGING CABLES:	High-powered, lightweight CCS and NACS cables with a flexible 20-foot reach.
DYNAMIC LED FEEDBACK:	Integrated RGB LED strips offer intuitive charging status display and customization.

Connectivity & User Experience

INTELLIGENT OPERATION:	NxuOne and Cloud-aided software maximize power efficiency and cost reduction.
4G INTEGRATION:	Seamless communication ensuring real-time updates and monitoring.
UNIFIED CLOUD INTERFACE:	Streamlined charging, payments, and more through a single platform.

Safety, Reliability & Scalability

SAFETY FIRST:	Prioritized user safety with the highest industry standards.
UNMATCHED RELIABILITY:	Unified hardware-software design ensures minimal breakdowns and superior uptime.
FUTURE-PROOF DESIGN:	Ready for tomorrow with compatibility for NxuOne, MCS, CCS, or NACS.
ECO-FRIENDLY ADAPTABILITY:	Pairs seamlessly with solar power, energy storage, and EMS for sustainable charging.

NxuOne™ Pedestal Technical Specifications

Electrical Input:	
Input Topology	3 Phase, 4 wire (no neutral)
Nominal Input Voltage	400-480 Vac -15% / +10%
Input Frequency	50/60 Hz +/- 10%
Total Max Continuous Current @ 480VAC	1806 Arms Per phase (Line current)
Controls Input Voltage	120 VAC (single phase)+/- 5%
Max Continuous Current @ 120VAC	40 Arms
Electrical Ouput:	
DC Output Voltage a Range	150 – 1000 V
DC Continuous Max Output Current	1500 A
Max Power Output	1.5 MW
Performance:	
End-to-End Efficiency	>=95% at loads greater than 50%
Number of Connector Cycles	>10,000
Rated Charging Connector Drops	200
Service years	10 years
Power Entry:	
Entry Location	Floor routed onto cable/conduit
Communication, Protocols & Standards:	
Charging Handles Supported	CCS, NACS, MCS, NxuOne™
Protocols & Standards	DIN Spec 70121, ISO 15118-2, 20, OCPP 1.6, 2.4
Communication	Nxu One charging front end, Nxu One backend & API
Connectivity	5G, 4G, LTE, Ethernet

Mechanical :	
Pedestal Dimensions	2 × 1.5× 6 ft (L x W x H) 610 × 457 × 1829 mm (L x W x H)
Pedestal Weight	TBD
Charging Cable/s Length	6 Meter (standard) 7.5 M (custom)
Environment:	
Ambient Temperature (operation)	-30 to 55 C
Ingress rating	IP54, Nema 3R
Humidity	0 – 95 %
Elevation	Up to 2000 M
Safety :	
Regulatory	UL 2202 Compliant ETL
Insulation Resistance	>1MΩ
Software & Hardware Protections	Cable Over-Temperature Cable Over-Current 480VAC Input Over-Current 480VAC Input Short Circuit Protection AC Input Over/Under Voltage 120VAC Input Over-Current 120 VAC Input Short Circuit Protection Charging Cable Over-Temperature Charging Cable Over-Current Container Over-Temperature
User Interface:	
User Application	charging.nxuenergy.com

Public Charging Stations

Step into the future of EV charging with Nxu's innovative public charging stations, thoughtfully designed to echo the familiar convenience of traditional fueling stations. Our stations are more than just a place to recharge your vehicle—they're a haven for both drivers and their cars.

Imagine pulling into a spacious, pull-through charging bay, perfectly accommodating even the longest of trailers. No more maneuvering into tight parking spots or leaving your vehicle exposed to the elements. With our expansive covered canopies, your vehicle stays protected from rain, snow, or the scorching sun, ensuring that both you and your car get the premium treatment.



Relax + Recharge

But it's not just about the car. While your vehicle enjoys a consistent, undivided power boost—thanks to our commitment to never splitting power—you can unwind in our comfortable lounge areas. Need a quick break? Clean bathrooms await, and trash bins are conveniently placed, ensuring a clutter-free environment. It's a holistic charging experience that's unrivaled to other experiences.

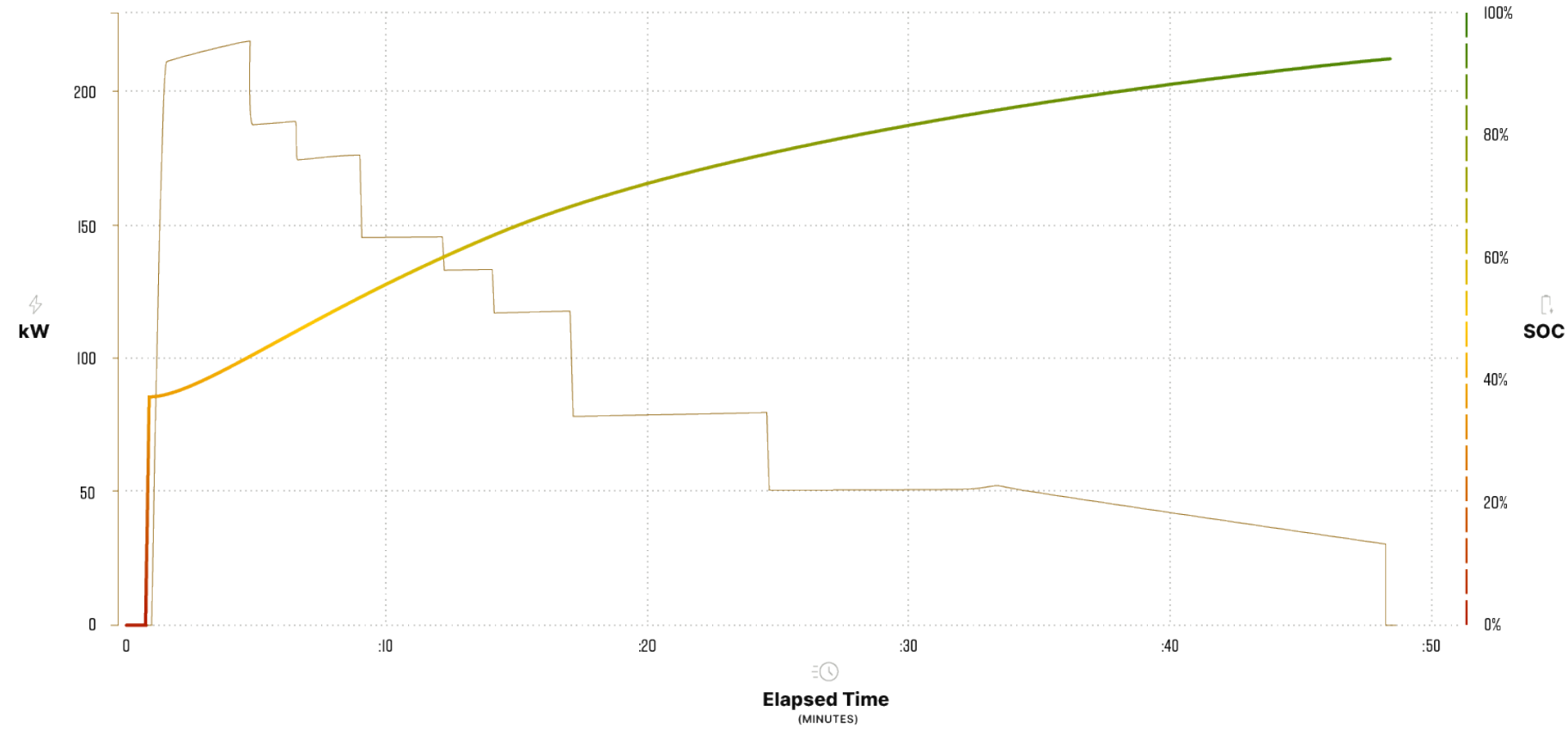
Introducing the Nxu™ Quad.

The future of charging.

Additional Charging Curve Data

**2023
Rivian R1T**

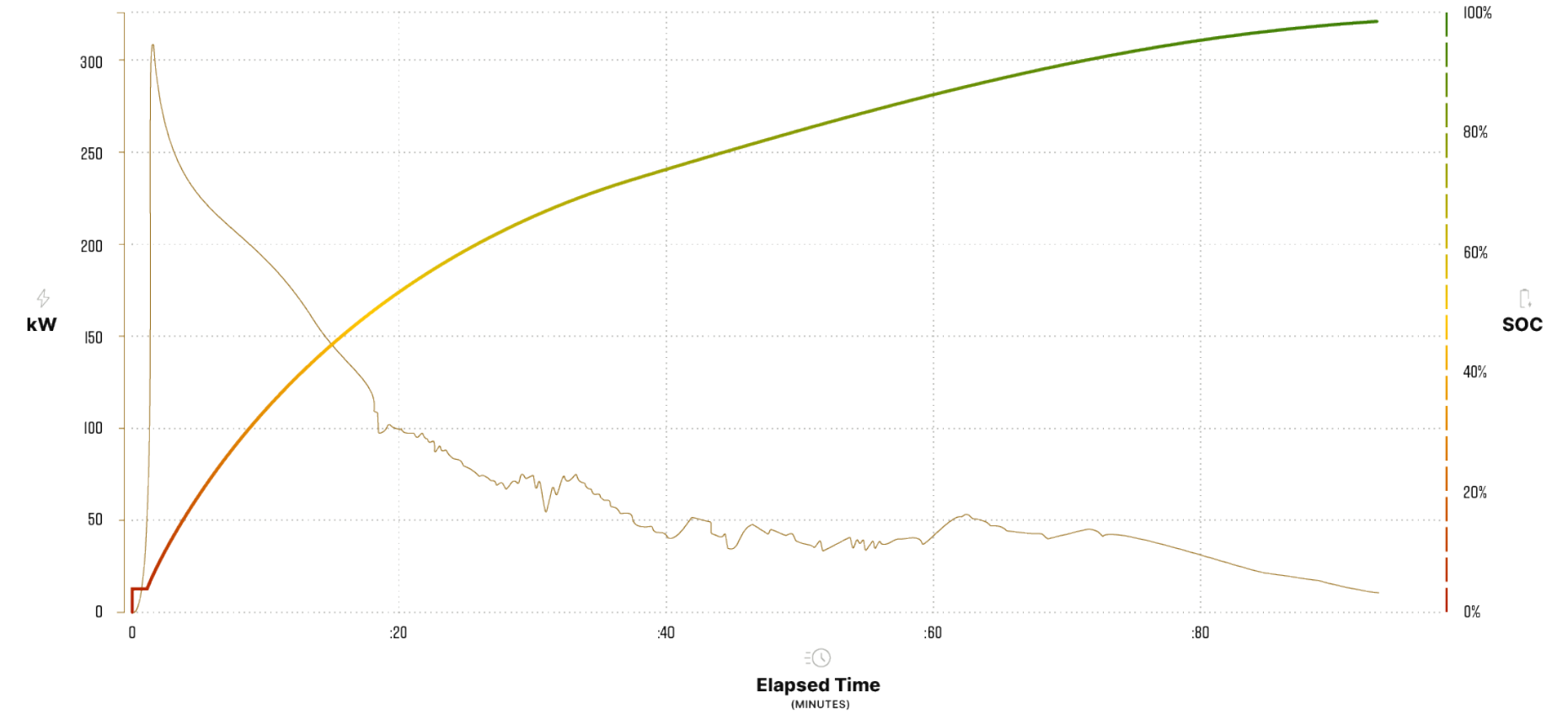
PEAK POWER: 219.00 KW
PEAK VOLTAGE: 438.00 V
PEAK CURRENT: 500.00 A



Additional Charging Curve Data

**2023
Lucid Air**

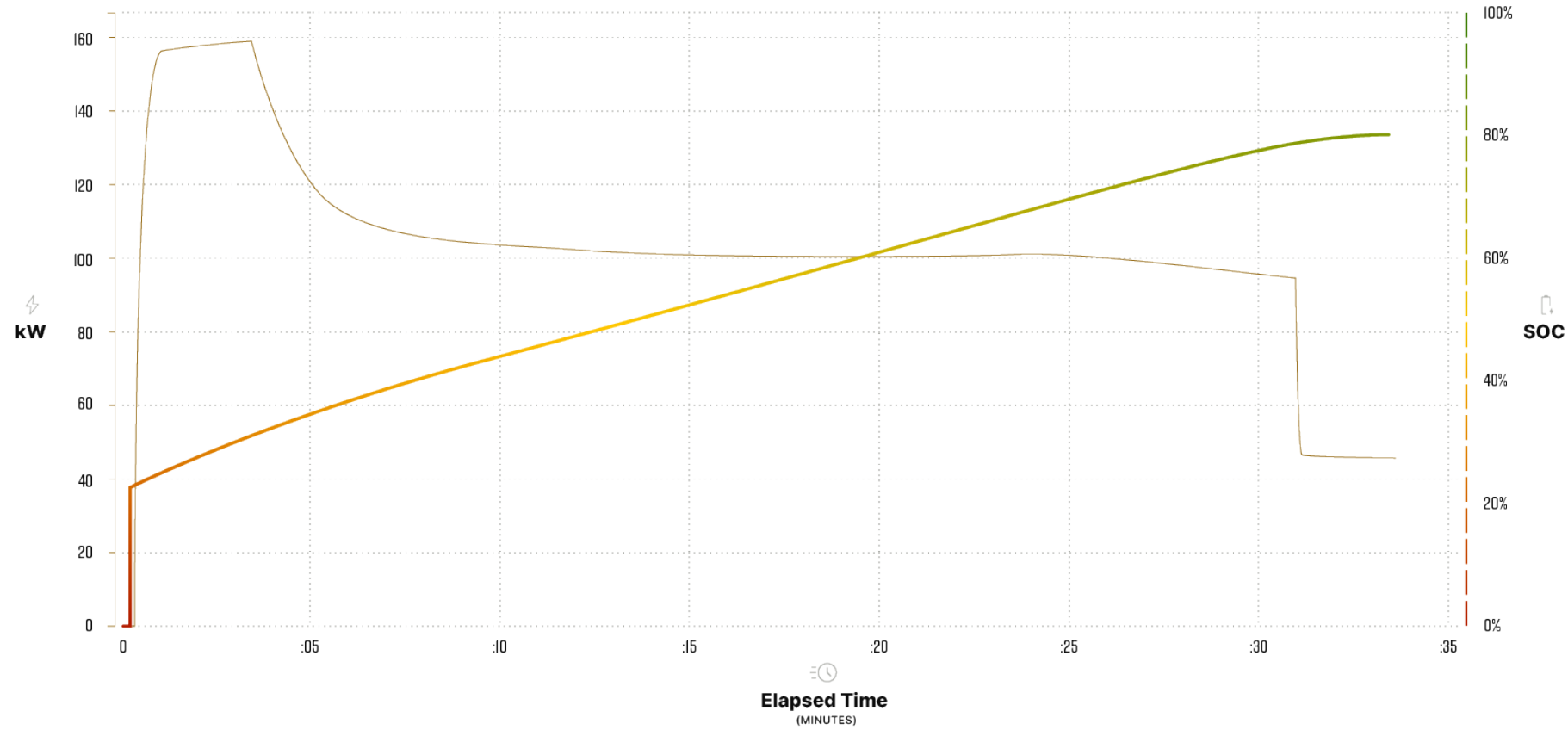
PEAK POWER: 310.90 KW
PEAK VOLTAGE: 838.00 V
PEAK CURRENT: 371.00 A



Additional Charging Curve Data

**2023
Ford Lightning**

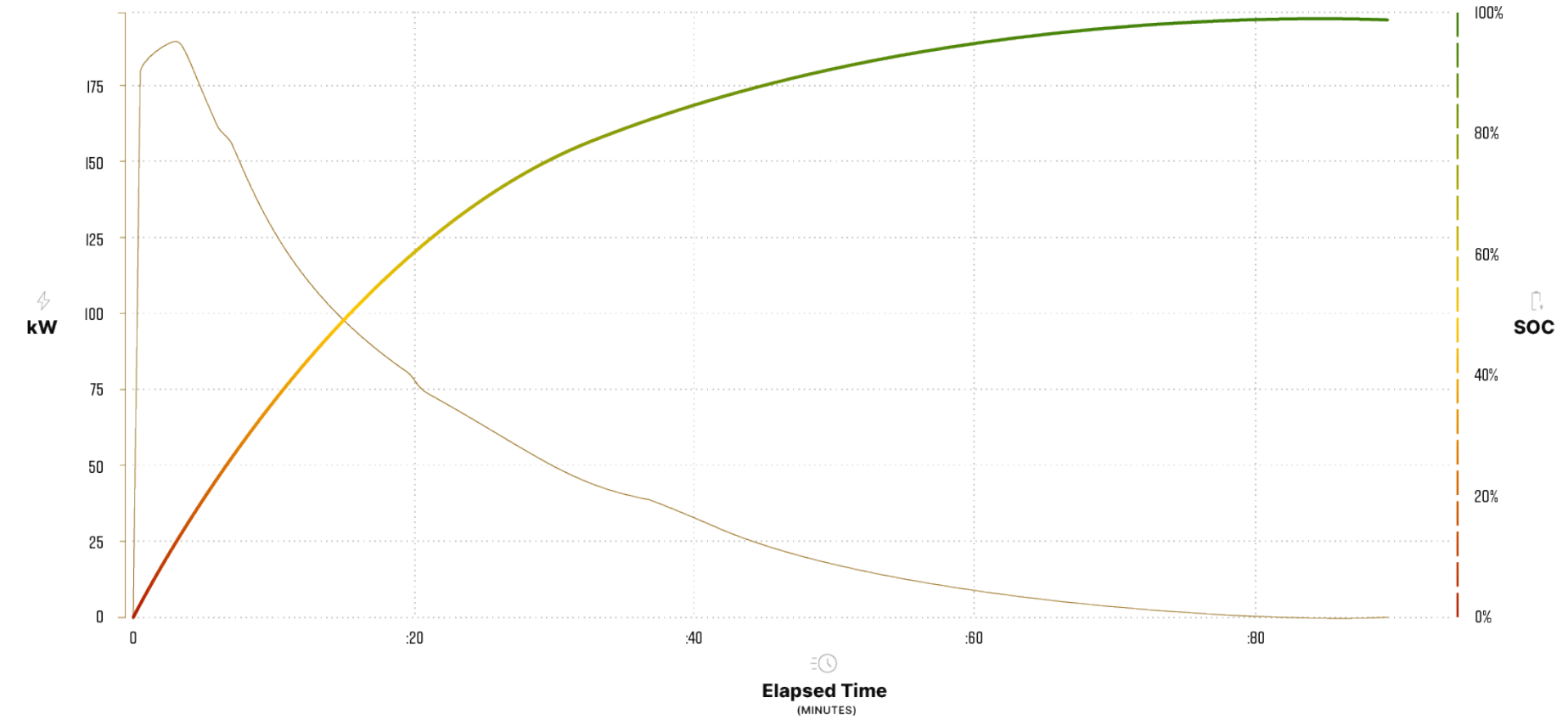
PEAK POWER: 159.03 KW
PEAK VOLTAGE: 342.00 V
PEAK CURRENT: 465.00 A



Additional Charging Curve Data

**2023
Tesla Model Y**

PEAK POWER: 189.62 KW
PEAK VOLTAGE: 380.00 V
PEAK CURRENT: 499.00 A





Why Nxu™?

Nxu™ is creating EV charging and energy storage solutions for the infrastructure we need to power our electrified future.

At Nxu™, we're innovating beyond traditional EV charging by enhancing the entire user experience. Combining the comforts of your favorite fuel stations with state-of-the-art charging technology, we seamlessly blend the conventional with the cutting-edge. Dive into the Nxu experience and feel the evolution.

For businesses, it's crucial to have reliable and adaptable solutions that offer clear returns on investment. Nxu™ Charging Solutions is more than just another charger; it's a forward-thinking commitment to sustainable transport. Our fusion of top-tier technology, resilient design, and unmatched efficiency positions us as the go-to choice for businesses focused on both growth and eco-responsibility.



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For inquiries or additional assistance, contact our dedicated team at sales@nxuenergy.com or give us a call at 480-701-0094.