

Investor Presentation

Q3 2025



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Energous at a Glance

- Headquartered in Silicon Valley
- 250+ issued patents
- Certified in 114+ countries
- Enterprise traction with global brands
- Decade of wireless power innovation



The Pivot: Consumer → Enterprise



- Our initial focus on the consumer market revealed key limitations in scale and sustainability.



- Meanwhile, enterprise sectors like logistics, cold chain, and asset tracking urgently needed the wireless infrastructure we had already developed.

The Problem We're Solving



Distortion

\$1.73 trillion lost annually from inventory distortion globally (IHL Group)

Batteries

Battery replacements in 10,000 IoT devices over five years can cost roughly \$6 million (Qoitech)

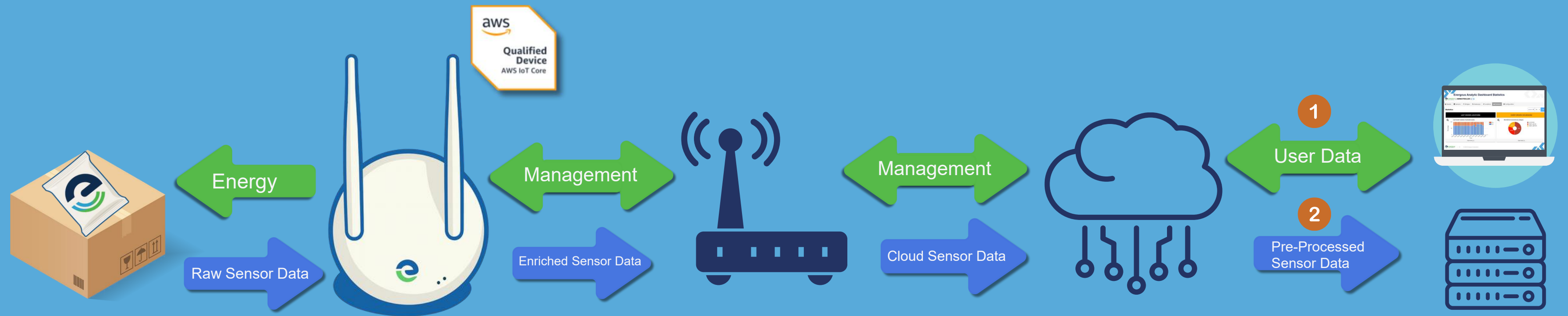
Waste

Up to 50% of global vaccines wasted due to poor logistics (WHO) & 620 million metric tons of food waste annually worldwide (UM)

Downtime

1 in 3 respondents said that manual tasks took up more than 50% of their time. (Bizagi)

Our Solution: Wireless Power Networks



- Energous delivers wireless power over the air to sensors, tags, and devices, while enabling data flow to the cloud, providing a full end-to-end solution for asset tracking, environmental monitoring, and other logistics.
- Our platform eliminates the need for batteries or cables and creates scalable, intelligent infrastructure for real-time enterprise automation.

AI + Wireless Power = Real-Time Asset Intelligence




Our Solution: Wireless Power Networks



 **TEMPERATURE ALERT**
Temperature above 5°C

ASSET LOCATION
 



 **Analytics Dashboard**
WIRELESS POWER SOLUTIONS



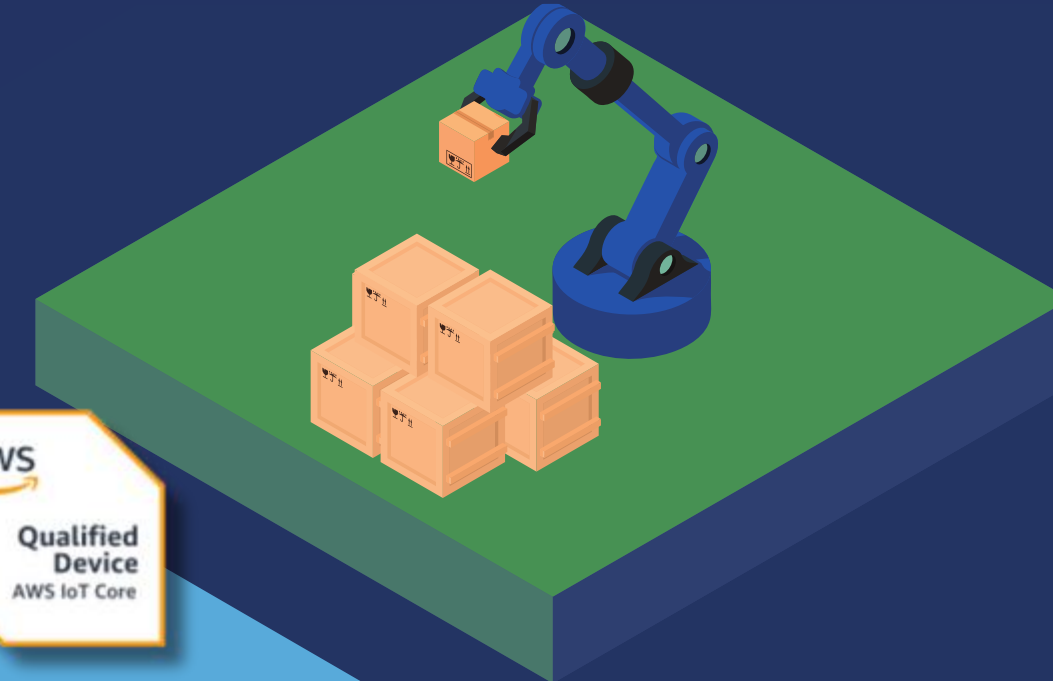
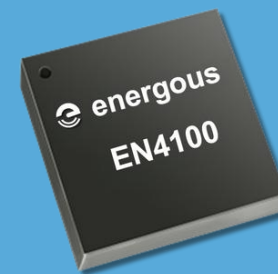
 **21°C**

 **Humidity: 47%**

 **Active**

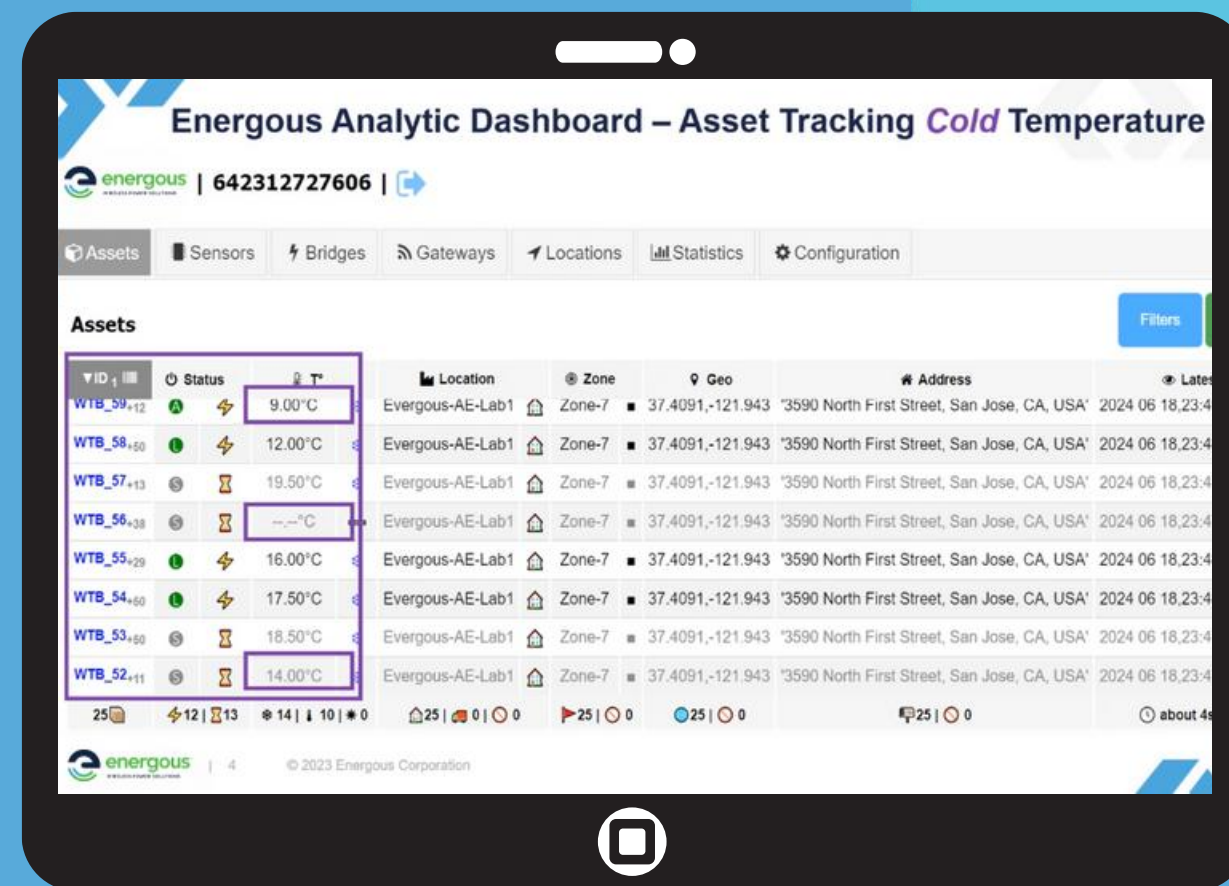
Product Evolution

- Over the past decade, we've developed core silicon, transmitters, receivers, and data platforms. In the past two years, we've transformed this into a scalable suite of solutions ready for large-scale deployment, shaped by customer feedback and field trials.



Supply Chain: Where We Win

- We've partnered with global enterprise leaders to power ambient IoT infrastructure across warehouses, cold chains, and transportation.
- By providing unparalleled visibility across the supply chain, Energous enables businesses to address logistical issues proactively.



The image shows a tablet displaying the Energous Analytic Dashboard. The dashboard title is "Energous Analytic Dashboard – Asset Tracking Cold Temperature". It features a navigation bar with tabs for Assets, Sensors, Bridges, Gateways, Locations, Statistics, and Configuration. The main content area is a table titled "Assets" with columns for ID, Status, Temperature, Location, Zone, Geo, Address, and Last Update. The table lists several assets with their respective temperatures and locations. A purple box highlights the temperature column, showing values ranging from 9.00°C to 18.50°C. The Energous logo and "© 2023 Energous Corporation" are visible at the bottom of the dashboard.

ID	Status	Temp	Location	Zone	Geo	Address	Last
WTB_59_12	🟢	9.00°C	Evergous-AE-Lab1	Zone-7	37.4091,-121.943	'3590 North First Street, San Jose, CA, USA'	2024 06 18,23:4
WTB_58_50	🟢	12.00°C	Evergous-AE-Lab1	Zone-7	37.4091,-121.943	'3590 North First Street, San Jose, CA, USA'	2024 06 18,23:4
WTB_57_13	🟡	19.50°C	Evergous-AE-Lab1	Zone-7	37.4091,-121.943	'3590 North First Street, San Jose, CA, USA'	2024 06 18,23:4
WTB_56_38	🔴	---	Evergous-AE-Lab1	Zone-7	37.4091,-121.943	'3590 North First Street, San Jose, CA, USA'	2024 06 18,23:4
WTB_55_29	🟢	16.00°C	Evergous-AE-Lab1	Zone-7	37.4091,-121.943	'3590 North First Street, San Jose, CA, USA'	2024 06 18,23:4
WTB_54_60	🟢	17.50°C	Evergous-AE-Lab1	Zone-7	37.4091,-121.943	'3590 North First Street, San Jose, CA, USA'	2024 06 18,23:4
WTB_53_60	🟡	18.50°C	Evergous-AE-Lab1	Zone-7	37.4091,-121.943	'3590 North First Street, San Jose, CA, USA'	2024 06 18,23:4
WTB_52_11	🟡	14.00°C	Evergous-AE-Lab1	Zone-7	37.4091,-121.943	'3590 North First Street, San Jose, CA, USA'	2024 06 18,23:4

Energous vs Legacy Solutions



	Energous	Active RFID	Passive RFID	UWB
Battery-Free Tags/Sensors	✓	✗	✓	✗
Handheld Devices Required	✗	✓	✓	✗
Continuous Coverage	✓	✓	✗	✓
Low-Cost Solution	Low-Cost	High-Cost	High-Cost	High-Cost
Labor-Free	✓	✓	✗	✗
Long-Range	✓	✓	✓	✓
Fully Automated	✓	✗	✗	✗

Market Opportunity

- A Bluetooth Low Energy (BLE) based alternative to RFID with up to 5–10x lower total cost of ownership.
- Like Wi-Fi and cloud computing before it, Ambient IoT is entering its inflection point, early adopters are seeing value, and mass deployment is imminent.
- Mandates like the US FSMA mandate, EU Battery Regulation 2023/1542, & EU-wide CSDDD drive greater supply chain visibility and traceability across industries.
- As we enter the growth phase, we expect higher rates of adoption across multiple new industries.

COMPARED TO LEGACY RFID SOLUTIONS

RFID TYPE	Components	QTY	COST	TOTALS	Availability
Passive, Mobile	Mobile RFID Scanners	20	\$2,000	\$40,000	On Demand
	Man Hours (weekly)	100	\$20	\$2,000	
	Passive tags	10,000	\$0.13	\$1,300	
	TOTAL			\$42,000	
Passive, Fixed (Tunnels)	Fixed RFID Tunnel Scanners	8	\$30,000	\$240,000	Entry and Exit
	Passive tags	10,000	\$0.13	\$1,300	
	TOTAL			\$241,300	
Active, Fixed	Fixed RFID Reader	25	\$3,000	\$75,000	90%
	Active tags	5,000	\$30	\$150,000	
	TOTAL			\$225,000	
Energous	Energous Power Bridges	50	\$250	\$12,500	100%
	Wiliot tags	10,000	\$0.20	\$2,000	
	TOTAL			\$14,500	



Market Opportunity



Bluetooth/BLE Ecosystem - 3 Billion Devices in 3 Years

5.3 Billion Bluetooth Devices in 2025 → Nearly 8 Billion by 2029 Bluetooth continues to power the majority of connected devices — from consumer wearables to industrial IoT sensors.



IoT Sensors - \$80 Billion in 6 Years

\$20.4 Billion in 2025 → \$101.6 Billion by 2032 Growth fueled by smart manufacturing, predictive maintenance, and logistics automation.



RFID Tags - \$15.6 Billion Market

\$15.6 Billion RFID Market (2025)
52.8 Billion RAIN Tag Chips Shipped (2024)
RFID remains the backbone of supply-chain visibility, enabling asset tracking at scale.



Ambient IoT & Energy Harvesting

~1.1 Billion Shipments by 2030 Trillions of addressable items, from packaging to assets, will eventually join the Ambient IoT through energy-harvesting and battery-free innovation.

Bluetooth SIG. "2025 Market Update."
Fortune Business Insights. "IoT Sensors Market, October 2025."
IDTechEx. "RFID 2026-2036: Forecasts, Players and Opportunities."
RAIN Alliance. "52.8 Billion RAIN Tag Chips Shipped Globally in 2024."
ABI Research. "Emerging Ecosystem of Energy Harvesting Drives 1.1 Billion Ambient IoT Device Shipments by 2030."

Growth Trajectory & Product Evolution

Product Evolution



Audience	Innovators	Early Adopter	Early Majority	Late Majority	Laggard
Market	Small	Expanding	High	Peaked	Contracting
Price	Very High	High	H-Flattening	Medium	Low
Sales	Low	Expanding	High	Flattening	Moderate
Competition	Low	Increasing	Moderate	High	Moderate
Business Focus	Awareness	Growth	Market Share	Customer Retention	Transition

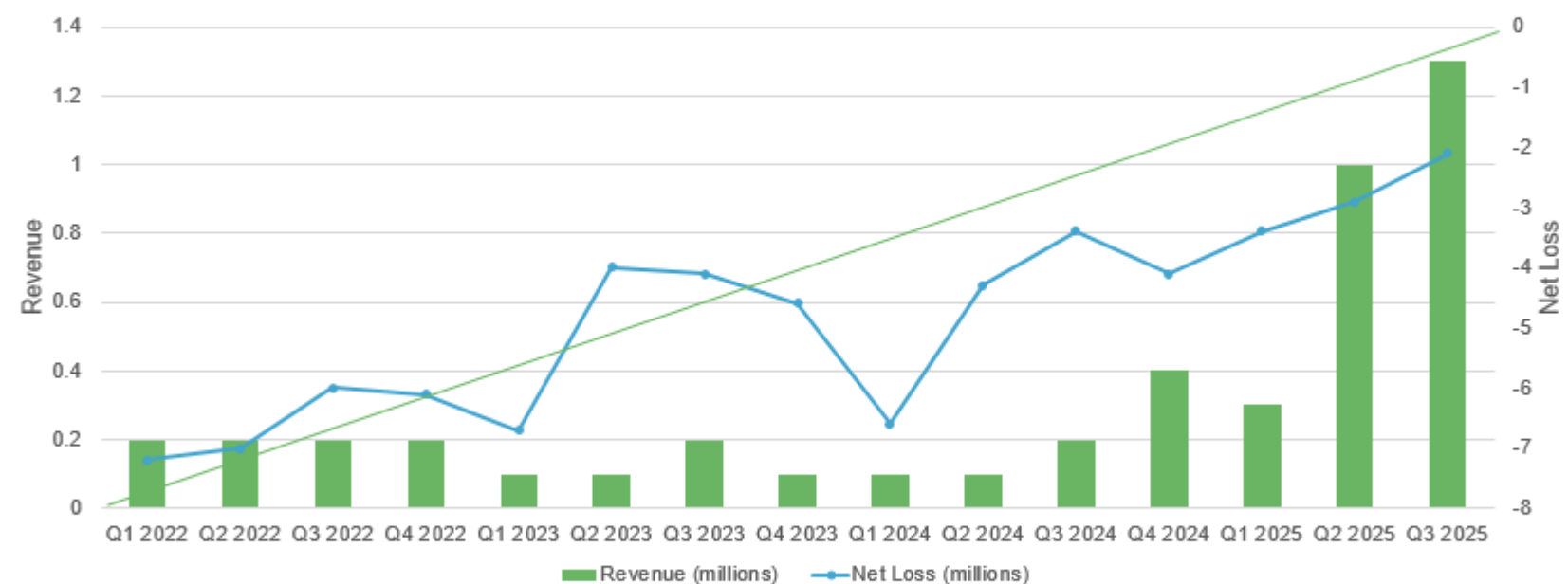
Partner Ecosystem

- Ambient IoT requires collaboration across the stack. Energous works with chipset, sensor, and platform providers such as Amazon Web Services (AWS) to deliver integrated solutions for rapid, scalable deployment.

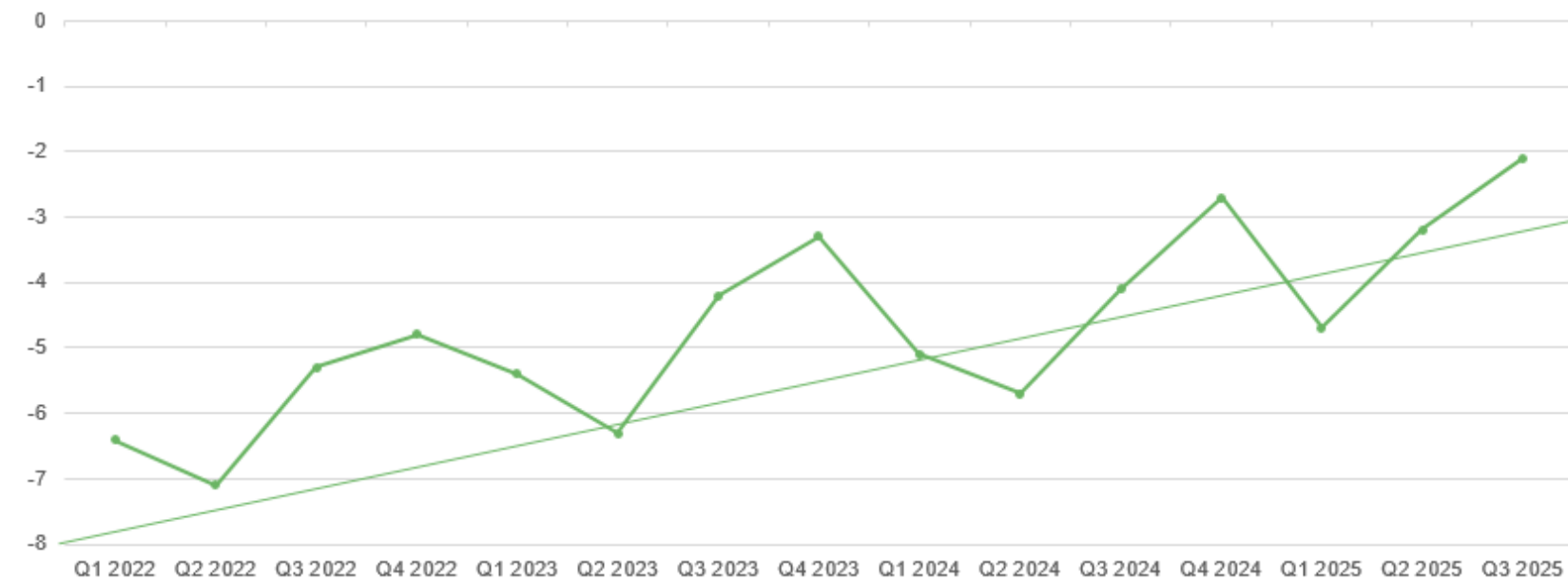


Performance Trend [Nasdaq: WATT]

Revenue and Net Loss (millions)



Operating Cash Flow (millions)



Financial Highlights (Q3 2025)

- \$1.3 million Q3 2025 revenue — our highest since 2015, up 30% from Q2 2025
- \$2.6 million revenue YTD Q3 2025
- Gross margin increased to 36%, with zero product returns on PowerBridge Pro
- Lowest quarterly net loss in over a decade - \$(2.1) million
- \$12.9 million cash on hand as of September 30, 2025
- \$4.1M order backlog from enterprise customers



Thank You!

