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Enphase Bidirectional EVSE Solutions

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CEC V2H Webinar
November 10, 2026

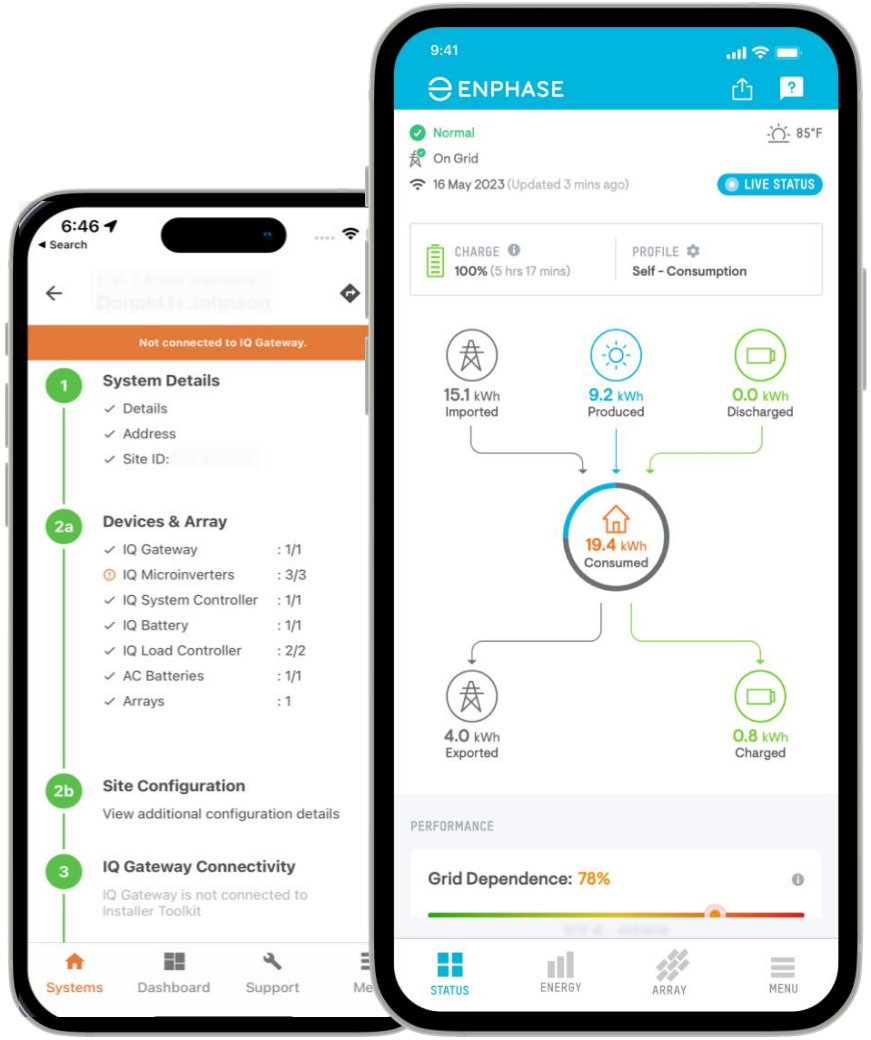
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Enphase overview

- U.S. public company with $1.47B revenue; $136.5M cash flow from operations in 2025
- Over 5 million solar systems in more than 160 countries
- #1 in US residential inverters and #2 in US residential storage
- 2,000+ U.S. installers in the Enphase Installer Network across all 50 states
- 24/7 customer service, including field support with 77 NPS
- 2 U.S. manufacturing sites support 80% of global demand
- In-house software engineering for API, fleet management, and apps





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The Enphase Energy System



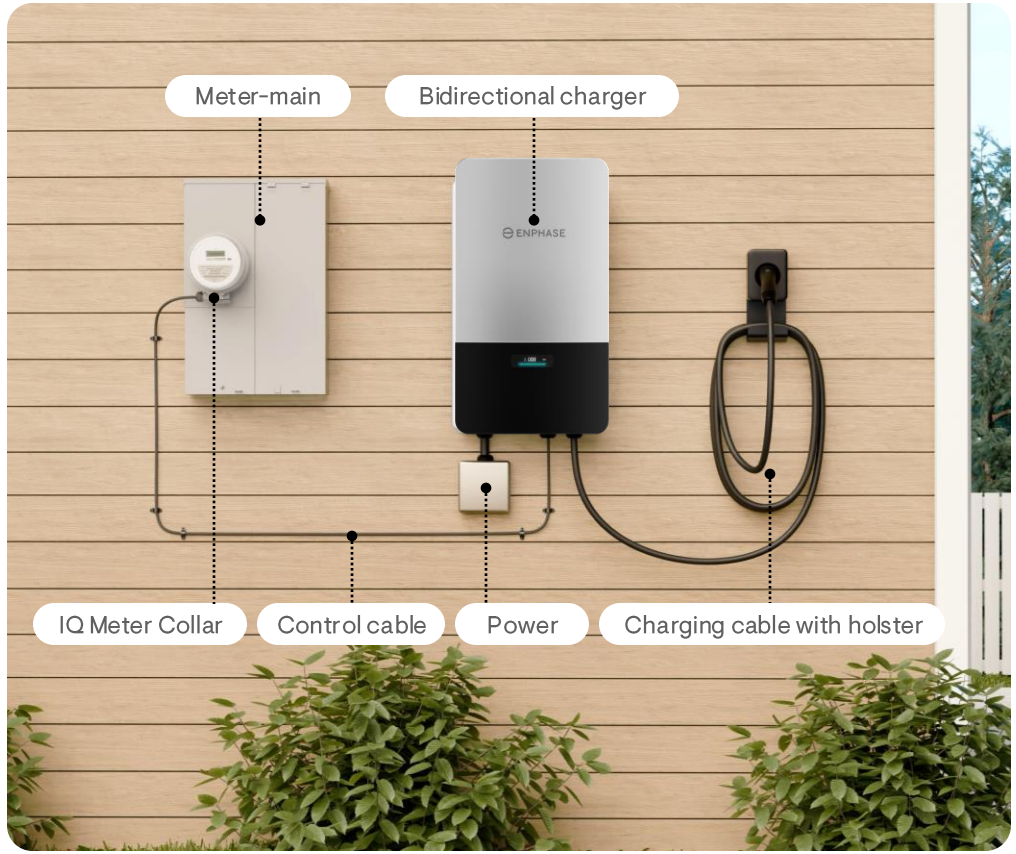
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Bidirectional DC and AC charger wall installations

DC: IQ BiDi EV Charger

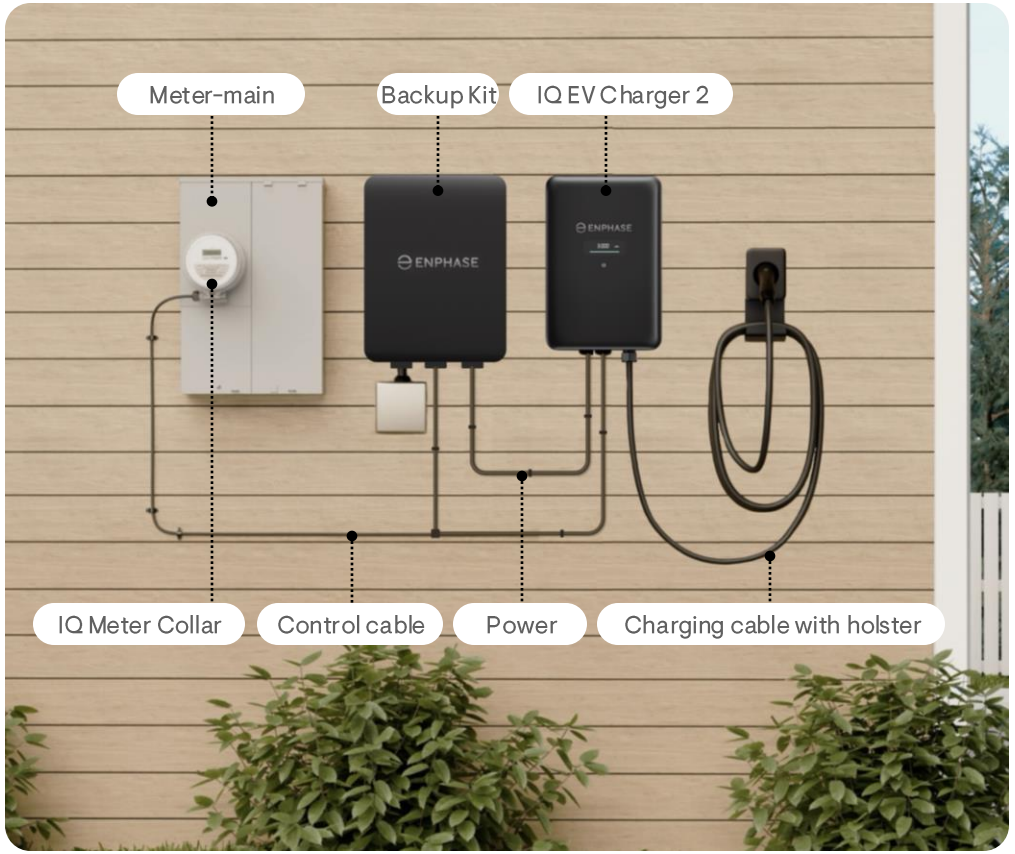
Works like a home battery



- **No blackout:** seamless switch to backup
- **Cuts bills:** powers home from EV (V2H)
- **Grid revenue:** sells EV power (V2G)

AC: IQ EV Charger 2 + Backup Kit

Works like a generator



- **Brief pause on backup** in an outage
- **Cheaper, quieter** than a generator
- **No V2H bill savings or V2G** today

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Recommended CEC Actions

- Refresh rebate funding for bidi EVSE
- Create incentives for Dealers to enable bidi EVSE sales and V2G activation at EV Point of Sale
- Reduce $800 Rule 21 application fee in line with NEM app fee (~$125-$200) (in process at CPUC)
- Ensure long-term VPP framework (per SB 913 implementation) provides V2G pathway that taps Resource Adequacy value

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Thank You

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