Technology Stage

pcim Europe

11 – 13.6.2024 NUREMBERG, GERMANY

GaN – Wide Bandgap Design, the Future of Power

Llew Vaughan-Edmunds Senior Director – Product Management

Navitas

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Messe Frankfurt Group

GaN Wide Bandgap Design, the Future of Power

Bodo's PCIM Panel

Llew Vaughan-Edmunds Senior Director of Product Management 12th June 2024

Navitas Electrify Our World™



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175,000,000+ Shipped







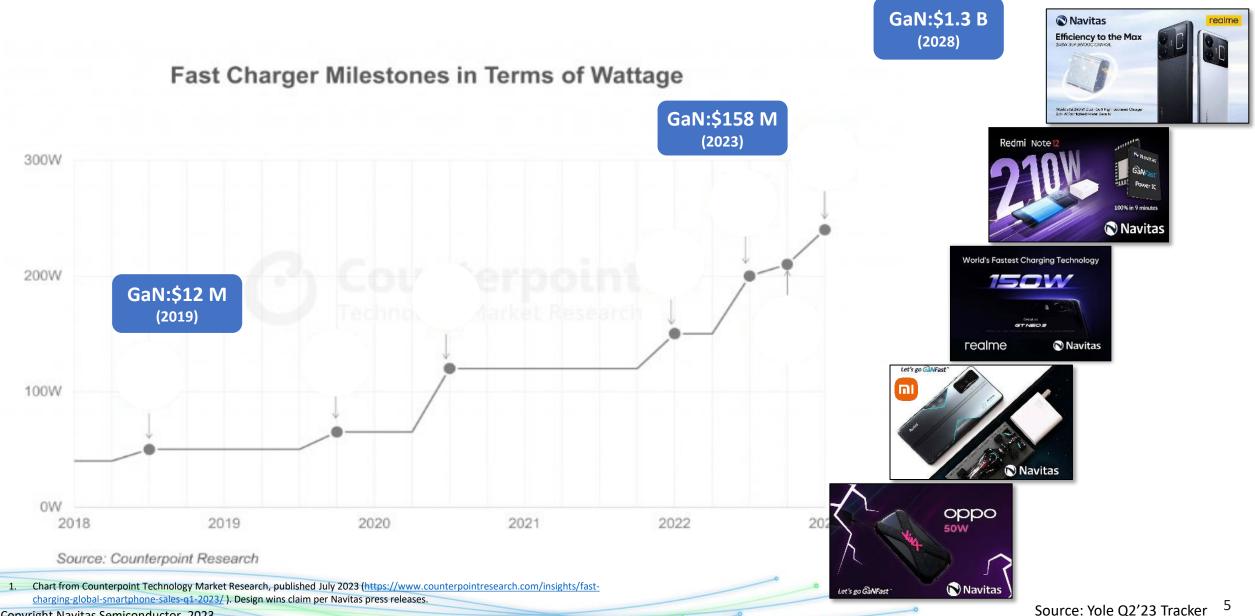




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Accelerating Mobile Chargers

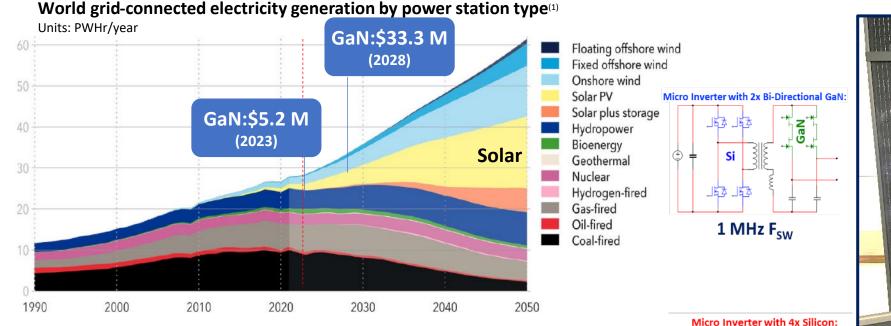




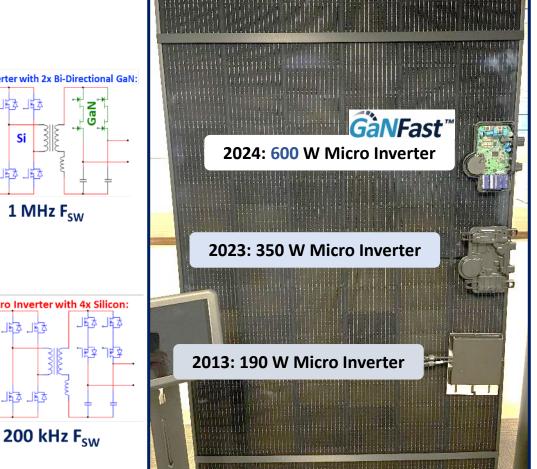
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Accelerating Solar/Storage

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400-550 W (1.6m²) Solar Panel



• Global electricity supply +2.3x by 2050⁽¹⁾

- Solar / ESS up from ~2% to 38%⁽²⁾
- Energy storage critical to balance supply/demand

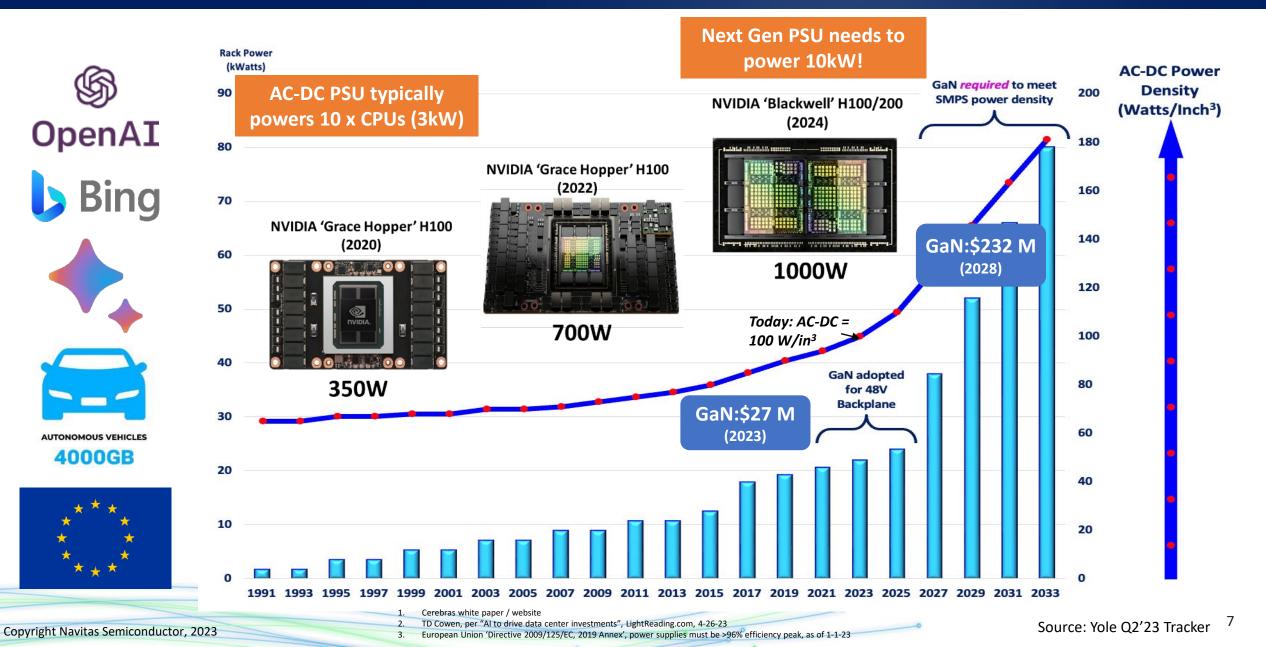
1. DNV Energy Transition Outlook 2022, updated January 2023. Grid-connected energy supply estimated to increase from 27 to 62 PWH/year.

2. DNV: Solar/ESS grows to 38% of supply by 2050. Historical data per IEA WEB (2022), GlobalData (2022)

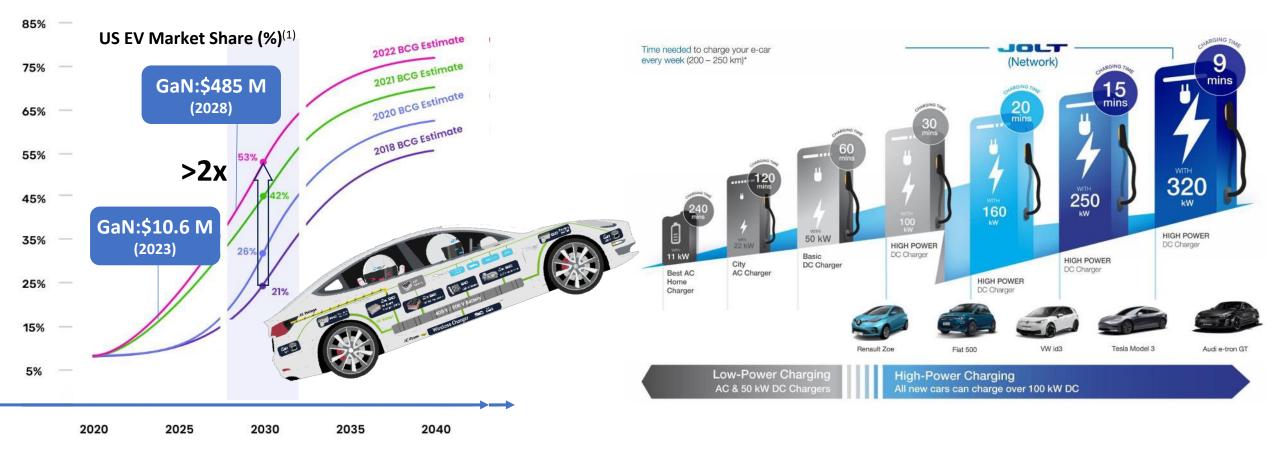
8 panels instead of 12 for 2500 sq. ft. home

Al driving power, and power density





Accelerating EV: Faster Charging (OBC and Roadside)



2. https://jolt.energy/whats-the-difference-between-ac-dc-and-ultra-fast-charging/

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I'm pleased to answer your questions: example@mail.com

Available on demand on the PCIM Europe digital.

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Discover more at navitassemi.com

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