



# Assembly 48v industrial frequency inverter

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This TI Design provides a reference solution for a three-phase MOSFET-based inverter to drive an AC induction motor for traction in forklifts. The inverter is powered from a 48-VDC lead acid battery.

48V low frequency inverters have proven to be highly efficient in converting DC power to AC power. With their advanced technology and design, they minimize energy losses, resulting in optimal ...

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Rated at 8,000 VA, this true sine wave unit can be operated with low voltage 48V DC input current and 480V AC 3Ph+N output current. Output frequency is 50/60Hz, adjustable. The transformer provides ...

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