



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.

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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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