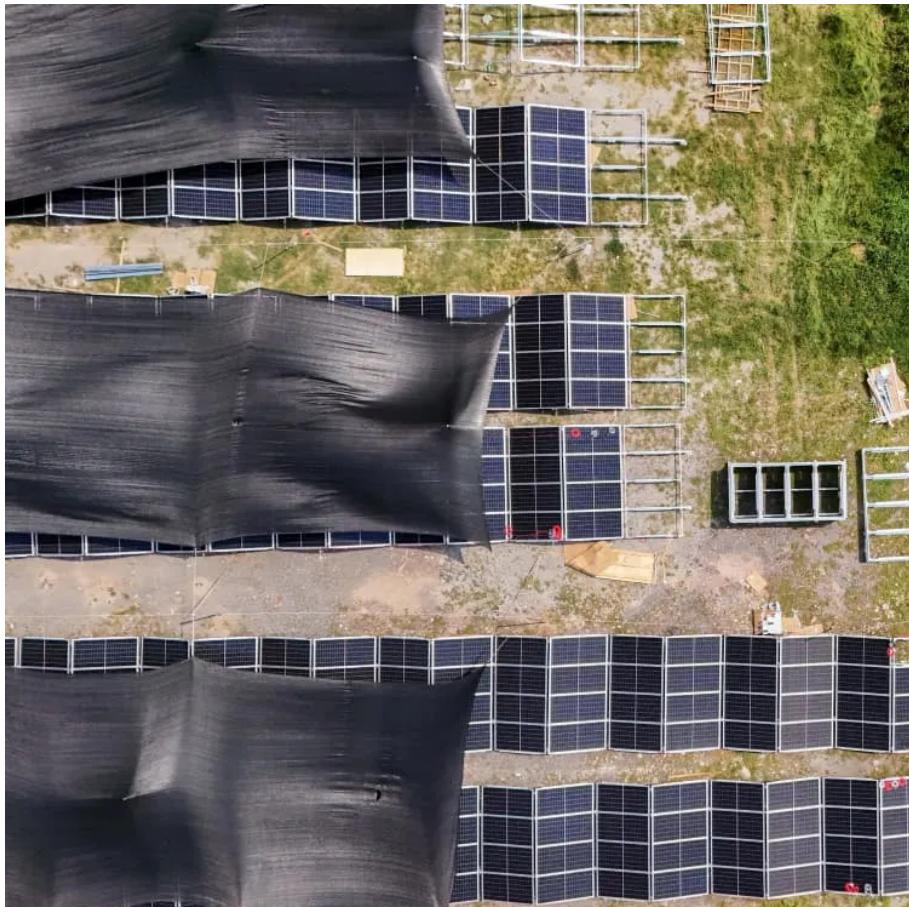




# Inverter made of 8n60





## Overview

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When engineers ask "what makes a great power inverter?

", the answer often starts with high-quality MOSFETs like the 8N60. This 800V/6A switching device has become a cornerstone in energy conversion systems, particularly for applications demanding compact size and thermal stability.

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8N60 MOSFET Datasheet: N-Ch, 600V, 8A. Full specification with pinout and replacement list Type Designator: 8N60 Type of Transistor: MOSFET Type of Control Channel: N-Channel Pd - Maximum Power Dissipation: 147 W |Vds| - Maximum Drain-Source Voltage: 600 V |Vgs| - Maximum Gate-Source Voltage:.

The UTC 8N60 is a high voltage and high current power MOSFET, designed to have better characteristics, such as fast switching time, low gate charge, low on-state resistance and have a high rugged avalanche characteristics. This power MOSFET is usually used at high speed switching applications in.

This power MOSFET is usually used at high speed switching applications in power supplies, PWM motor controls, high efficient DC to DC converters and bridge circuits. Notes: 1. Absolute maximum ratings are those values beyond which the device could be permanently damaged. Absolute maximum ratings.

The 8N60 is a N-Channel metal-oxide semiconductor field-effect transistor (MOSFET) is the most common type of field-effect transistor (FET). This transistor has a three-terminal device with Gate (G), Drain (D) and Source (S) terminals. Circuit diagram symbol of the 8N60 transistor as follows.

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The 8N60 N-Channel MOSFET 600V 7.5A is a high-voltage, high-current transistor designed for use in power switching applications. With a maximum voltage rating of 600V and a current handling capacity of 7.5A, this MOSFET is ideal for applications that require high efficiency and reliability, such as.



## Inverter made of 8n60



### **8N60 Datasheet (PDF)**

The UTC 8N60 is a high voltage and high current power MOSFET, designed to have better characteristics, such as fast switching time, low gate charge, low on-state resistance and have ...

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When engineers ask "what makes a great power inverter?", the answer often starts with high-quality MOSFETs like the 8N60. This 800V/6A switching device has become a cornerstone in ...

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## **8N60 N-Channel MOSFET 600V 7.5A**

With a maximum voltage rating of 600V and a current handling capacity of 7.5A, this MOSFET is ideal for applications that require high efficiency and reliability, such as motor control, power ...

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## **Microsoft Word**

This power MOSFET is usually used at high speed switching applications in power supplies, PWM motor controls, high efficient DC to DC converters and bridge circuits. Notes: 1. Absolute ...

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## **8N60 Datasheet (PDF)**



Part #: 8N60. Download. File Size: 229Kbytes.  
Page: 8 Pages. Description: 8A, 600V N-CHANNEL  
POWER MOSFET. Manufacturer: Unisonic  
Technologies.

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## **8N60A**

View complete N-Channel Power MOSFET specifications, pinout, features, ratings, and application information.

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