

## SolarTech Power Solutions

# Nordic split outdoor power supply



## Overview

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Who is Nordic power supply?

Nordic power Supply is a Swedish company that develops and sells quality equipment for power line construction. We build and adapt products to the customer's request. Our focus has always been safety, quality and satisfied customers.

How does a mini split outdoor unit work?

Electrical wiring and a drain tube are often bundled with them. An electrical service line must be run from the main breaker panel in the building to the mini split outdoor unit. This provides all the power needed to run both components of the system.

How do you wire a mini split system?

Grounding the circuit correctly to meet safety standards. With the electrical circuit ready, it's time to connect the indoor and outdoor units of your mini split system: Link the power wiring from the circuit breaker to the outdoor unit's terminal block.

What type of wire is used for a mini split system?

Typically, a 14/4 stranded conductor cable is used to connect the outdoor and indoor units. This includes two 14-gauge conductor wires for power, one communication wire, and one ground wire. Using the correct wire ensures safe operation and effective communication between the units. 10/2 or 10/3 Wire for Mini Split Systems?

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What type of conduit do I need for a mini split?

Under NEC 250, the conductor must be copper and the same gauge as the hot leads. Never rely on EMT conduit alone; paint or corrosion can raise resistance

and defeat fault protection. For a mini split system, use a #12 AWG copper ground on 20 A circuits (or #10 AWG on 30 A), running it in the same UV-rated conduit as your hot power wires.

What is mini split wiring?

Collectively, these conductors are called “mini-split wiring.” Because a mini split system modulates speed thousands of times per minute, voltage stability and data integrity matter just as much as refrigerant charge or airflow. Skimp on the wiring and you invite nuisance shutdowns, error codes, and premature board failure.

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## Contact Us

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