

**SolarInnovate Energy Solutions**

# **Configure Pump Portable Power Supply**



## Overview

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What type of power supply does a pump station need?

If you have any questions on your pump station application and design, contact us today! Emergency power supply for pump stations are typically a portable generator with a manual transfer switch or a permanently generator with an automatic switch.

Should you use a portable generator if a pump station is without power?

A portable generator is a good temporary solution to have when a pump station is without power during an emergency. With the manual nature of a portable generator, during a crisis someone must know the pump station has lost power from SCADA or otherwise.

Does a pump station have a generator?

A generator that is permanently installed as part of the pump station's design is the peace of mind, hands free approach to having an emergency power supply. It will be hardwired directly to the pump station and with the automatic transfer switch, if it senses a power outage on the unit, it will automatically turn on the generator's power supply.

How do I choose a sump pump power station?

You'll want a power station that offers several AC outlets, USB ports, and DC outputs. This way, you can run your sump pump while also powering lights and other backup equipment during an emergency. Consider looking for models that include 12V carports, which provide added versatility for devices needing specific voltage inputs.

How do you connect a generator to a pump station?

Then the maintenance person needs to go out to the pump station to physically connect the generator. Typically, the generator will connect with a cord and a reverse power receptacle. Then the power can be transferred by

the three position disconnect manual switch.

Should I Run my well pump with a portable generator?

Running your well pump with a portable generator provides you with a reliable water supply during power outages or in areas with unreliable electricity. By understanding the power requirements selecting the right generator and following safety precautions you can ensure a seamless setup and enjoy uninterrupted access to water when you need it most.

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48V 100Ah

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