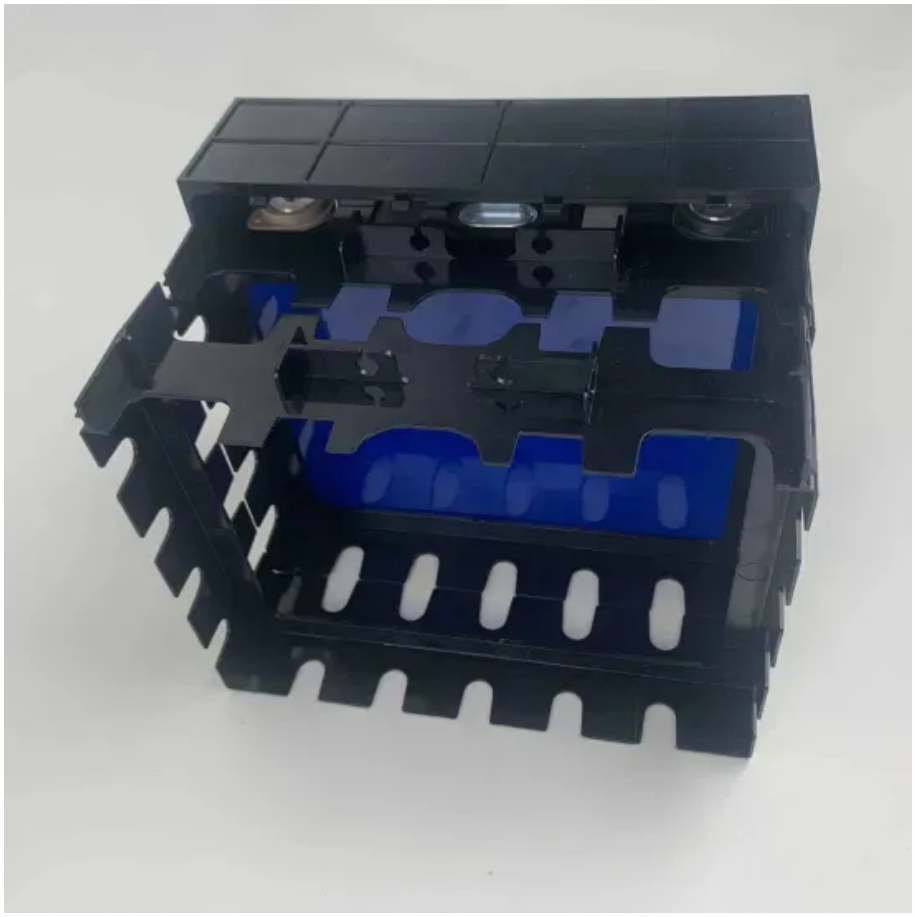
SOLAR PRO.

SolarInnovate Energy Solutions

Emergency battery inverter



Overview

What is an emergency lighting inverter?

An emergency lighting inverter converts DC battery power to standard AC voltages to provide backup for lighting systems in an emergency. They are commonly used with fire alarm systems, emergency lighting, exit lighting, and lighting control systems, among other critical or life safety-related equipment.

What is an emergency lighting backup inverter?

An emergency lighting backup inverter is a device that converts DC battery power to standard AC voltages to provide backup for various lighting systems, including fluorescent and LED lights, in an emergency.

What is a lighting inverter?

A lighting inverter provides the backup power for a lighting system by converting DC battery power into the standard AC voltages that lights need to operate during an emergency. Inverters are made up of several components: Emergency lighting inverters are often distinguished by the battery capacity they offer.

Are inverters easy to install?

Inverters are easy to install, maintain, repair, and replace. Designing an emergency lighting system in a building is an essential, life safety code-mandated piece of the overall lighting system.

What is a static inverter system?

Static inverter systems operate in a similar manner to AC/DC Central Power Supply Systems, with the exception that the system constantly gives a 230V AC output. Central Power Supply Systems provide AC power nominally 110V AC or 230V AC whilst mains to the system is healthy and DC voltage of 108V DC or 216V DC when mains fails.

What is the battery capacity of a mini inverter?

Mini inverters feature a battery capacity range of 100-350W, while large inverters are often described as having a battery capacity of 350W+. No matter the battery capacity, an inverter provides several advantages over other systems. Inverters are easy to install, maintain, repair, and replace.

Emergency battery inverter

Contact Us

For catalog requests, pricing, or partnerships, please visit: https://institut3i.fr