SolarInvert Energy Solutions

No 9 battery inverter discharge

Overview

Does an A/C bypass cause batteries to discharge?

When the inverter is on A/C bypass (no lead shedding, batteries charging from A/C (grid)), does the inverter still use some power from the batteries and therefore cause the batteries to discharge?

Essentially, yes. But it depends on exactly when the Growatts copied the Axperts.

What is the charge and discharge limit of my inverter?

Please refer to the manual for the charge and discharge limit of your inverter. When selecting the charge and discharge current limits you will always be limited to the lowest current value whether that is the inverter or the batteries. For example, the 3.6kW Ecco inverter has a 90A maximum charge/discharge current.

Why is my inverter putting a small load on the batteries?

That would seem to indicate that despite the fact that the inverter is on A/C bypass and the load on the inverter is receiving power directly from the grid, and the batteries appear to be in an idle state (both power lights on the batteries blink slowly), something is still putting a small load on the batteries.

What is the maximum charge/discharge of a battery?

Two 5.12/5.32kWh batteries have a continuous discharge of 100A. This means that the maximum charge/discharge is limited to the 90A of the inverter. Other Current Limiting Factors Your current should also be suitable for the rated current of your battery cables.

What is the maximum charge/discharge current for an Ecco inverter?

For example, the 3.6kW Ecco inverter has a 90A maximum charge/discharge current. Two 5.12/5.32kWh batteries have a continuous discharge of 100A.

This means that the maximum charge/discharge is limited to the 90A of the inverter.

How do I set the charge/discharge current for the batteries?

You set the charge/discharge current for the batteries on the inverter in the battery setup page of the settings menu. The Sunsynk 5.12/5.32kWh batteries have a capacity of about 100Ah and a 50A continuous charge/discharge current so you can set the capacity charge and discharge using these values.

No 9 battery inverter discharge

A Guide to Understanding Battery Specifications

Dec 18, 2008 · A battery is a device that converts chemical energy into electrical energy and vice versa. This summary provides an introduction to the terminology used to describe, classify, ...

Get Started

6. Controlling depth of discharge

Oct 23, 2024 · Mains outage When no mains power is available, and the system is in inverter mode, the following parameters control the depth of discharge:

Get Started

Best Lithium-ion Inverter Battery for Home & Commercial ...

Jul 8, 2025 · Why Choose Lithium-ion Battery for Inverter? Best Lithium-ion Inverter Battery for Home & Commercial Use (2025 Guide) are transforming backup power systems due to their ...

Get Started

Battery Discharge: solar battery bank discharge explained

Discover five reasons why Battery Discharge occurs and learn to understand the Battery Discharge Curve and the different charge stages of a solar battery.

Get Started

Optimizing battery lifespan via inverter charge-discharge ...

May 9, 2025 · When integrating inverters into your setup, understanding how to optimize the charge and discharge settings can significantly extend the lifespan of your batteries. Proper ...

Get Started

Depth of Discharge: How It Impacts Your ...

Oct 28, 2024 · Understanding Depth of Discharge is key to maintaining your inverter battery and ensuring it delivers peak performance over time. Whether ...

Get Started

8 Ways to Prevent Your Inverter From Draining ...

Oct 18, 2023 · Wondering how to keep inverter from draining battery? If your inverter battery drains fast, check these

8 tips to extend its life and improve ...

Get Started

Chinese inverter discharges batteries without anything ...

Aug 27, 2022 · On cheap HF inverters, when AC input is present, the AC input is just passed through to AC output and inverter circuitry is locked into battery charging mode tapping power ...

Get Started

How to Reduce the Power Resistor for DC-Link ...

Aug 16, 2024 · This setup can discharge the DC-Link capacitor within 4.9 seconds and a peak power of about 160W. The respective spikes, also in current are occurring with every duty ...

Get Started

Deye hybrid inverter charge / discharge settings

Apr 12, 2023 · Since I have three inverters I'm supposed to reach 350 amps charge / discharge for my whole

battery bank of 1000 ah (5 batteries of 200 ah ...

Get Started

Not charging/discharging when expected

Oct 11, 2023 · the inverter takes 1 second (t=2s) to ramp the discharge power to 3kW (if there is energy in battery), which results in 0W at meter connection (good time for a snapshot).

Get Started

CHARGE/DISCHARGE SETTINGS

Mar 19, 2024 · I'm not that familiar with Solis inverters but from what I know those settings are correct for your batteries. One of the problems with Solis 'LV' inverters is that they take low ...

Get Started

EG4 6000xp "Discharge Current Limit" question

Jan 29, 2021 · I've got an 6000xp set up in my garage and am using two Tesla Model S batteries in series as a battery

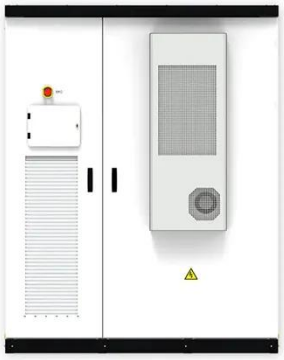
(no BMS at the moment, working on it). I have a question about the ...

Get Started

Selecting Battery Charge/Discharge Rates

When selecting the charge and discharge current limits you will always be limited to the lowest current value whether that is the inverter or the batteries. For ...

Get Started



Hybrid Inverter settings

Jun 14, 2024 · Apologies in advance of this is been asked a thousand times before. Tried Google but wasn't getting clear/simple enough answers. I've attached a screenshot of 3 different ...

Get Started

Maximum discharge current (initial current)??

Apr 25, 2021 · Your max realistic discharge rate for your battery bank is well over the the batteries realistic rate

of 92a. Your inverter can actually handle peak ac loads near 4000w.

Get Started

6. Controlling depth of discharge

Oct 23, 2024 · When no mains power is available, and the system is in inverter mode, the following parameters control the depth of discharge: Low cell signals from 3rd party CAN-bus ...

Get Started

What is inverter discharge? What are the benefits of inverter discharge

May 25, 2021 · What are the benefits of inverter discharge for lithium batteries? The so-called inverter discharge means that the DC power of the lithium battery is transformed into three ...

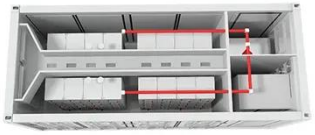
Get Started

Problems related to battery charging and discharging of SHT ...

9. Inside the EMS Check whether the set battery discharge time is correct, as shown in Figure 10. It includes setting of working day discharge time, setting of weekend discharge time, whether ...

Get Started

How to Battery Protect against Low Discharge with Inverter



Feb 28, 2023 · @clive87 The battery protect is unidirectional. Meaning is cannot charge and discharge through it. What you can do is set the inverter to switch off on battery voltage and ...

Get Started

Performance Analysis of Nine level inverter with Battery ...

Sep 25, 2023 · The Nine-Level Cascaded Inverter having individual DC sources is designed for checking battery balanced discharge function. Optimization by Genetic Algorithm helps to ...

Get Started

Why does my battery discharge to the grid, or charge ...

Aug 17, 2025 · Discharging: The battery

will only normally discharge when the energy meter senses power coming from the grid (and there is charge available in the battery).

Get Started

Inverter power draw and battery discharge when on A/C ...

Feb 19, 2020 · When the inverter is on A/C bypass (no lead shedding, batteries charging from A/C (grid)), does the inverter still use some power from the batteries and therefore cause the ...

Get Started

What is inverter discharge? What are the benefits of inverter discharge

May 25, 2021 · The so-called inverter discharge means that the DC power of the lithium battery is transformed into three-phase AC power through the device, and then sent back to the AC ...

Get Started

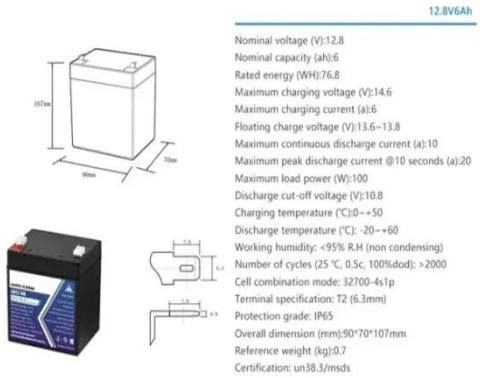
How to Calculate Load Chart of a Lithium ...

Feb 25, 2025 · When calculating the load chart for an inverter with a L ithium Battery (which typically has a C1 rating), you need to consider the battery's ...

Get Started

Understanding Your Hybrid Inverter, Battery, and Energy ...

Aug 12, 2024 · Your hybrid inverter and battery system play a crucial role in managing your home's energy needs. By understanding the relationship between battery capacity, C rating, ...



Get Started

Givenergy Batteries - The Unofficial Givenergy ...

May 14, 2023 · Charge & Discharge limits (Currents / Power) are battery theoretical MAXIMUMS and not what you will achieve normally. These limits ...

Get Started

General introduction of working mode

Under the allowed discharging period, the inverter will allow the battery to

discharge (but not force the battery to discharge). The following work modes ...

Get Started

Solar Grid-Connected Converter 1-1.2kw PV/Battery Discharge Inverter

Solar Grid-Connected Converter 1-1.2kw PV/Battery Discharge Inverter with Wi-Fi Single-Phase or Dual-Phase MPPT Solar System

Get Started

Battery Discharing Quickly at Random

Dec 23, 2024 · Hi I had my first solar system with battery installed last week, and so far have been very impressed. However, it is doing something strange that I can't figure out: randomly ...

Get Started

India's Favourite Home Inverter Battery

Looking for a home inverter battery? Get it from Exide. Exide home inverter

batteries are designed to perform in extreme temperatures and sustain long duration power cuts.

Get Started

How long will a 12v battery last with inverter

Apr 30, 2025 · How long will a 12v battery last with an inverter? Here is a completed explication on the factors that affect the run time of 12v battery and ...

Get Started

Contact Us

For catalog requests, pricing, or partnerships, please visit: https://persianasaranda.es