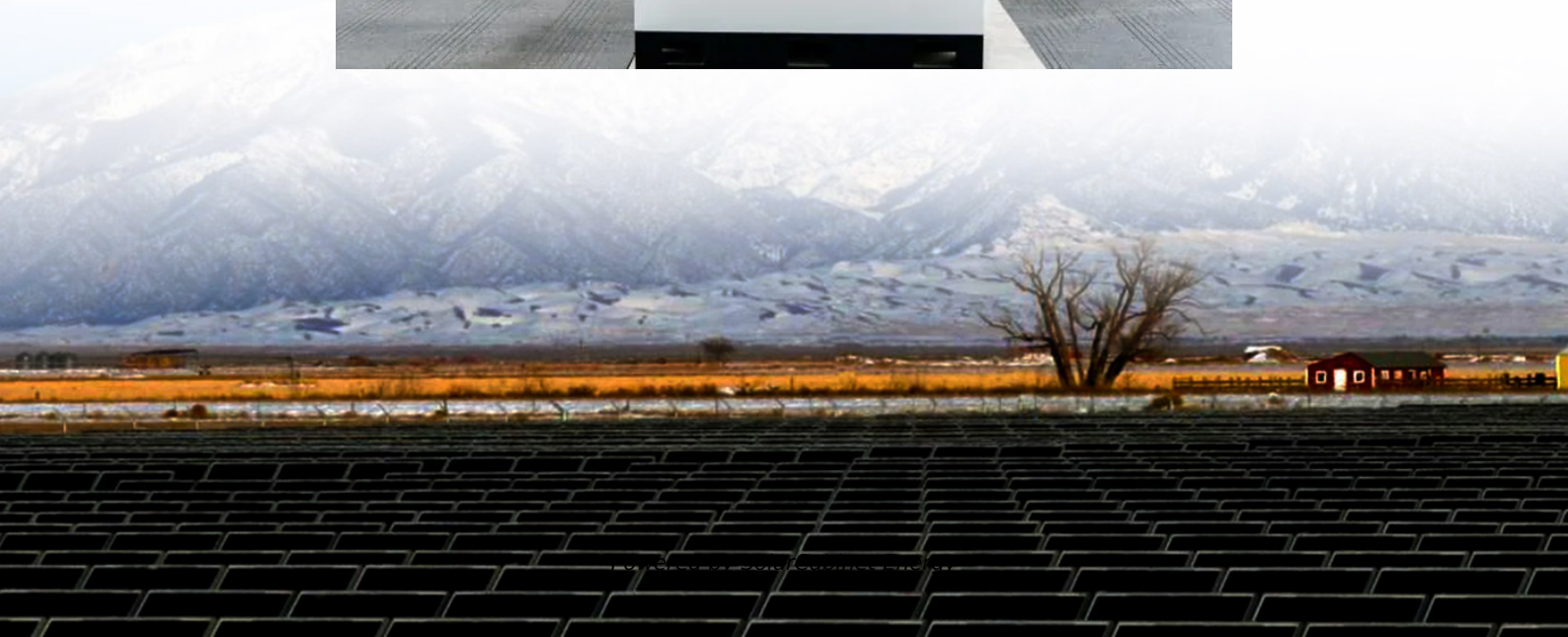


Bidirectional universal fast charging outdoor power supply





Overview

What is bidirectional DC fast charging?

Bidirectional DC fast charging is not only a way to increase the speed of home and work charging without putting a big, heavy, expensive rectifier inside of the vehicle but it is also a way to feed back into the grid or home when the vehicle battery charge isn't needed.

What is a bidirectional power supply?

A bidirectional power supply demands a different design approach compared to an equivalent unidirectional supply. A unidirectional AC/DC power supply designed for high efficiency uses wide bandgap (WBG) SiC or GaN power devices with a totem-pole power factor correction (PFC) front end driving a DC/DC topology such as an LLC resonant converter.

Do EV charging stations need bidirectional power supplies?

Scenarios that call for bidirectional power supplies in EVs and EV charging stations include: EV supplying power back to the grid or to a microgrid in the home. EV charging station supplying power to an EV either from the grid or from stored energy depending on relative electricity prices.

Are EV charging stations unidirectional?

Current EV charging stations and EV onboard chargers (OBC) are unidirectional systems, but these new use cases are driving a transition to a bidirectional infrastructure. Scenarios that call for bidirectional power supplies in EVs and EV charging stations include: EV supplying power back to the grid or to a microgrid in the home.

What is a unidirectional AC/DC power supply?

A unidirectional AC/DC power supply designed for high efficiency uses wide bandgap (WBG) SiC or GaN power devices with a totem-pole power factor correction (PFC) front end driving a DC/DC topology such as an LLC resonant



converter. Although the totem-pole PFC topology is bidirectional, the resonant LLC is not.

Is a resonant LLC a bidirectional PFC?

Although the totem-pole PFC topology is bidirectional, the resonant LLC is not. For bidirectional applications, a CLLC resonant converter is preferred for the DC/DC stage, as it combines high efficiency with a wide output voltage range in both charging and discharging modes.



Bidirectional universal fast charging outdoor power supply

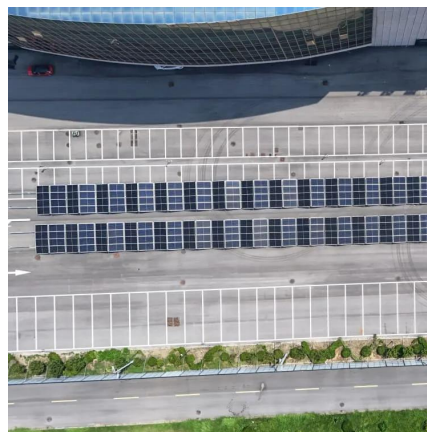


300W bidirectional fast charging solar outdoor energy storage power supply

Shell material aluminum alloy Weight 3.4KG
External dimensions 257 * 121 * 121mm
Relaterade taggar: energilagringskraft Utomhus
stor kapacitet bärbar kraft soft portable power ...

300W bidirectional fast charging solar outdoor energy storage power supply

External dimensions 257 * 121 * 121mm
Etiquetas relacionadas: poder de
almacenamiento de energía Energía portátil de
gran capacidad para exteriores soft portable
power Página ...



200W high power bidirectional fast charging outdoor mobile power supply

Buy 200W high power bidirectional fast charging
outdoor mobile power supply at Aliexpress for .
Find more, and products. Enjoy Free Shipping
Worldwide! Limited Time Sale Easy Return.

300W bidirectional fast charging solar outdoor energy storage power supply

300W bidirectional fast charging solar outdoor
energy storage power supply Ix klassifikacziya:
Solnechnaya e`nergeticheskaya sistema /

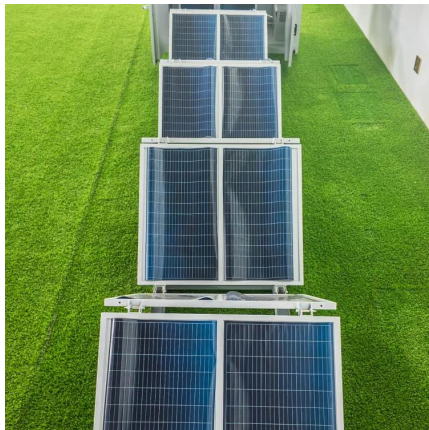


inventory`-preobrazovateli mneniya: 1557
Vremya ...



300W bidirectional fast charging solar outdoor energy storage power supply

Các th? liên quan: n?ng l??ng l?u tr? n?ng l??ng
?i?n di ??ng công su?t l?n ngoài tr?i soft portable
power Trang tr??c: Outdoor mobile power supply
1500W fast charge large -capacity ...



Outdoor Super Fast Charging 24000mAh 65W High-capacity Mobile Power

?Charge Three Devices at Once?The laptop portable charger has two built-in USB-C ports and one USB port, which can charge three devices at the same time. The three-port design allows ...



Portable Power Station 1075Wh, 3x1200W AC Outlets (Peak 2400W), Outdoor

it can be used to charge all your mobile devices during outdoor activities like smartphone, laptops, CPAPs, drones, car refrigerators, coffee makers, projectors, or other ...





Outdoor Super Fast Charging 24000mAh 65W High-capacity ...

?Charge Three Devices at Once?The laptop portable charger has two built-in USB-C ports and one USB port, which can charge three devices at the same time. The three-port design allows ...

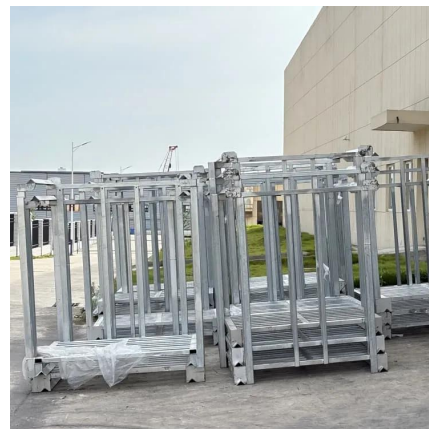


300W bidirectional fast charging solar outdoor energy storage power supply

????????? ??? ?????: ????? ?????? ?????? ??? ????
??? ??? ?????? ?? ?????? ?????? soft portable power
?????? ???????? Outdoor mobile power supply
1500W fast charge large -capacity two -way
inverted iron ...

New PD20W Bidirectional Fast Magnetizing Charging Bank 5000 Mah Outdoor

For USA/Canada, For E.U., For UK, For Australia/New Zealand, For Italy, For Brazil, For Japan, Universal, Micro USB, Others Protection Over-discharging, Short Circuit Protection, Over ...



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.legnano.eu>