

THE TRIVIAL
COMPANY

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Automation,
Engineering and
building. Trivial
business for us.

TheTrivialCompany.com

BATTERY

BACKUP SYSTEM

2024



Thetrivialcompany.com



contact@thetrivialcompany.com



(877) 874 8447



Overview

What Are Battery Backup Systems?

Battery backup systems provide a reliable source of power during outages, ensuring uninterrupted operation of automated systems. Designed with advanced technology, these systems are an environmentally friendly alternative to traditional generators, offering seamless integration for both retrofit and new installations.

What Are They Used For?

Battery backup systems are essential for maintaining automated parking systems during power failures, minimizing downtime, and providing continuous service. Their applications range from commercial parking systems to industrial setups requiring dependable backup solutions.

Key Features:

- Seamless integration with automated parking systems.
- Environmentally friendly with zero emissions.
- Maintenance-free compared to traditional generators.
- Scalable power options to meet diverse needs.
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Who Benefits From These Systems?

- Property Managers: Ensure parking systems operate smoothly during outages.
- Developers: Future-proof parking structures with a reliable and eco-friendly backup.
- Architects: Easily integrate the system into designs for retrofit or new builds.

Features:

Emergency Power System (EPS) for 3-Phase Industrial Equipment

- Includes 20KW power frequency off-grid inverter
- Includes 102.4V lithium battery module
- Built-in intelligent BMS management system
- Up to 6000 0mes charge/discharge cycles life
- With AC Charging functions
- With the overcharge and over-discharge protection function
- With the overcurrent and short circuit protection function
- With the overtemperature protection function



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The Benefits of Battery Backup Systems

Our battery backup systems provide several key advantages:

Uninterrupted Operation:

Our systems can power your automated parking system for 1, 4, 8 hours, or even longer, depending on your needs.

No Need for Generators:

Unlike traditional generators, our battery backups do not require special handling or ongoing maintenance, making them a hassle-free solution.

Retrofit or New Installations:

Whether you need to integrate a battery backup into your existing setup or incorporate it into a new design, our systems are easily adaptable.

Why Choose Trivial Company's Battery Backup Systems?

- **Reliability:** Our battery backup systems are designed to provide reliable power during outages, ensuring that your automated parking system remains operational.
- **Efficiency:** By eliminating the need for generators, our battery backup systems offer a more efficient and environmentally friendly solution.
- **Ease of Integration:** Our solutions can be seamlessly retrofitted into your current system or included in new projects without disrupting your operations.

Contact Us

At Trivial Company, we take pride in making your problems a trivial matter. Reach out to us to discuss your needs and find the perfect solution for your automated parking system.
Your paragraph text



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BATTERY BACKUP SYSTEM FOR LIFTS



Technical Specs

MODEL	10KWH/20KW Power Frequency Inverter System
SPECIFICATION	
Inverter Input and Output Parameters	
Input Voltage	Three Phase\208VAC\±15%
Input Frequency	60Hz
Output Power	20KW
Output Voltage	Three Phase\208VAC
Output Waveform	60Hz
Output Waveform	Sine Wave
AC Charging Current	10A Max.
Lithium Battery Pack Parameters	
Nominal Voltage	102.4Vdc
Nominal Capacity	104Ah
Max.Discharge Current	100A
Operation Voltage Range	89.6Vdc ~ 116.8Vdc
DC Low Voltage Alarm	91.6Vdc
Dc Low Voltage Off Breakpoint	89.6Vdc
DC Low Voltage Alarm Recovery Point	93.6Vdc
Operation Temperature	-10°C ~ +50°C / 14F ~ 122F

Protection	
Protection	Overcharge Protection, Over-discharge Protection, Overcurrent Protection, Shortcircuit Protection, Overtemperature Protection.
Working Ambient	
working Temperature	-10°C ~ +50°C / 14F ~ 122F
Humidity	0~95% (no condensation)
Elevation (meter/feet)	≤1500 meter or ≤5000 feet sea level
Inverter size and weight	
LxWxH (Inverter size)	L32" x W20" x H40"
NW Kg	458.78 LBS
GW Kg	513.2 LBS
Lithium Battery Pack Size and Weight	
LxWxH(Lithium Battery Pack)	L23" x W8" x H40"
NW Kg	204.6 LBS
GW Kg	228.8 LBS



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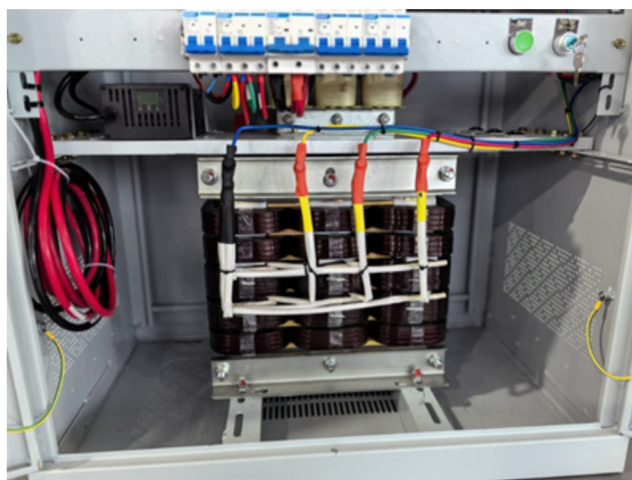
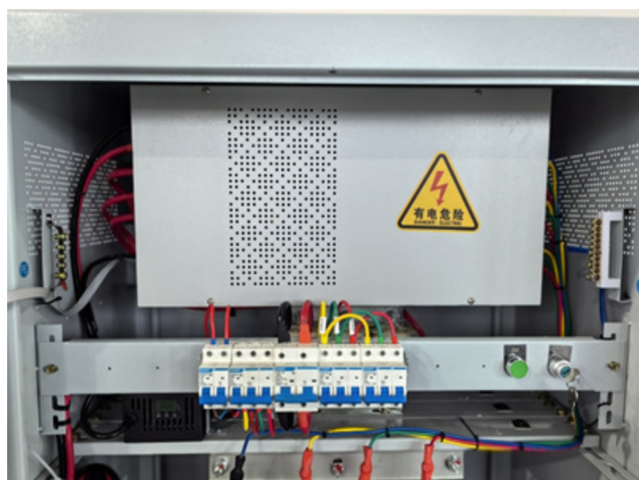


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