

# Backup power supply for base station communication equipment



## Product Model

HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

## Dimensions

1600\*1280\*2200mm  
1600\*1200\*2000mm

## Rated Battery Capacity

215KWH/115KWH

## Battery Cooling Method

Air Cooled/Liquid Cooled





## Overview

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The Power-Pac's highly regulated, low ripple 10 amp output powers radios and other sensitive communications equipment without causing RF or audio interference. At the same time it float charges one or two (depending on model) built in 7 amp/hour back-up batteries.

With 7 amp/hour battery installed, unit provides approximately the following power.\*7 amps for 40 min. 10 amps for 20 min. 15 amps for 10 min. 20 amps for 4 min. With 14.

Input: 115/230 VAC, 50-60 Hz. Output: 13.6 VDC @ 5A cont., 10A Int.  
Regulation: 1% line and load Ripple:1% P-P Operating Temp:0-40° C

Telecom battery backup systems of communication base stations have high requirements on reliability and stability, so batteries are generally used as backup power to ensure continuous power supply.



## Backup power supply for base station communication equipment

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### [Equipment for Your Ham Radio Station](#)

Amps: The power supply should have enough amperage to power your entire station, including your transceiver, antenna, and any additional equipment. Battery backup: In case of power ...

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### Collaborative optimization of distribution network and 5G base stations

In this paper, a distributed collaborative optimization approach is proposed for power distribution and communication networks with 5G base stations. Firstly, the model of 5G ...

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### 5G Communication Base Station Backup Power Supply Market ...

The 5G Communication Base Station Backup Power Supply Market is poised for significant growth over the next few years. With a projected magnificent CAGR from 2024 to ...

### [Product Information](#)

### [COMMUNICATION BASE STATION BACKUP POWER LIFEPO4](#)

Ukrainian communication base station solar power supply system The communication base station installs solar panels outdoors, and adds MPPT solar controllers and other equipment in ...



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### **Telecom Base Station Backup Power Solution: Design Guide for ...**

Discover the 48V 100Ah LiFePO4 battery pack for telecom base stations: safe, long-lasting, and eco-friendly. Optimize reliability with our design guide.

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### **What Are the Characteristics of Backup Power Supply for Communication**

By considering these characteristics, communication base station operators can select a backup power supply that meets their specific requirements and ensures uninterrupted communication ...

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### **LIQUID COOLING ENERGY STORAGE SYSTEM**

EMS real-time monitoring  
No container design  
flexible site layout



Cycle Life  
**≥8000**

Nominal Energy  
**200kwh**

IP Grade  
**IP55**

## [Optimal configuration of 5G base station energy storage](#)

it, in the case of a power failure. As the number of 5G base stations, and their power consumption increase significantly compared with that of 4G base stations, the demand for backup batteries ...

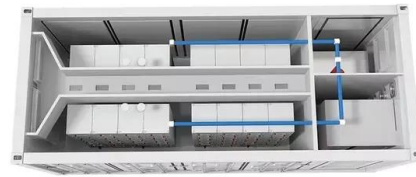
## [Product Information](#)



## [Telecom Battery Backup Systems. Backup Power For ...](#)

The 48V lithium iron phosphate communication backup battery series provides more efficient, more reliable and safer solutions for the backup power supply, ...

### [Product Information](#)



## **Understanding Backup Battery Requirements for Telecom Base Stations**

Telecom base stations require reliable backup power to ensure uninterrupted communication services. Selecting the right backup battery is crucial for network stability and ...

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## [Communication Base Station Power Supply](#)

They adopt a standardized cabinet installation method, providing reliable backup power for systems such as access network equipment, remote switching offices, mobile ...

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## **A Beginner's Guide to Understanding Telecom Power Supply ...**

Telecom power supply systems, particularly UPS systems, ensure that communication networks remain operational even during a power failure. A UPS, or ...

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## Canada 5G Communication Base Station Backup Power Supply ...

The Canada 5G Communication Base Station Backup Power Supply Market holds significant global importance as it supports the foundational infrastructure for next-generation ...

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## FLEXIBLE SETTING OF MULTIPLE WORKING MODES



## 5G Communication Base Station Backup Power Supply Growth ...

The global 5G communication base station backup power supply market is experiencing robust growth, driven by the rapid expansion of 5G networks worldwide. The increasing demand for ...

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## [Communication Base Station Backup Battery](#)

When natural disasters cut off power grids, when extreme weather threatens power supply safety, our communication backup power system with intelligent charge/discharge management and ...

### [Product Information](#)



## [What Are the Characteristics of Backup Power Supply for ...](#)

By considering these characteristics, communication base station operators can select a backup power supply that meets their specific requirements and ensures uninterrupted communication ...

### [Product Information](#)





## 5G Communication Base Station Backup Power Supply Market ...

The Global 5G Communication Base Station Backup Power Supply Market Report 2023 provides comprehensive analysis of market development components, patterns, flows, and sizes. This ...

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## Optimizing the power supply design for communication base stations

As a backup power supply, the oil generator power supply automatically starts when the mains power fails to provide power for the base station equipment. The DC power ...

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## What are base station energy storage batteries used for?

They provide backup power for telecommunications towers during outages, ensuring uninterrupted communication services by maintaining operation when the main ...

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## Telecom Battery Backup Systems, Backup Power For Telecom ...

The 48V lithium iron phosphate communication backup battery series provides more efficient, more reliable and safer solutions for the backup power supply, and makes the operation of ...

[Product Information](#)



### **Power-Pac with Battery Back-Up , 12V DC , 5 Amps , 7 Amp ...**

The Power-Pac's highly regulated, low ripple 10 amp output powers radios and other sensitive communications equipment without causing RF or audio interference. At the same time it float ...

[Product Information](#)



## **Contact Us**

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For catalog requests, pricing, or partnerships, please visit:  
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