



Hybrid solar power system for 5G towers Off-grid solar storage for telecom stations

Our Product Introduction

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Basic Information

- Place of Origin: SHENZHEN
- Brand Name: shenzhen daxin
- Model Number: ODC-PV200A-005
- Minimum Order Quantity: 10
- Price: 1000
- Packaging Details: WOODEN CASE
- Payment Terms: T/T
- Supply Ability: 2000



Product Specification



More Images



Hybrid Solar Power System for 5G Towers

Reliable, Off-Grid Energy Solution for Telecom Infrastructure

24/7 Stable Power | Fuel Savings up to 70% | Smart Remote Monitoring

Why Choose Our Hybrid Solar System for 5G Towers?

1. Uninterrupted Power Supply

Solar + Battery + Grid/Diesel Backup – Ensures continuous operation even in low sunlight.

Auto-Switching Technology – Seamlessly transitions between energy sources to prevent downtime.

2. Cost-Effective & Eco-Friendly

Reduce Diesel Consumption – Solar energy cuts fuel costs by **50-70%**.

Low Maintenance – No frequent refueling, fewer generator repairs.

3. Built for Harsh Environments

High-Efficiency Solar Panels – Anti-corrosion, dust-proof, and withstand extreme temperatures (-30°C to 60°C).

Industrial-Grade Lithium Batteries – Long lifespan (10+ years), deep-cycle capable.

4. Smart Energy Management

Remote Monitoring (IoT Enabled) – Real-time data on power usage, battery status, and system health.

AI-Powered Optimization – Adjusts energy distribution for maximum efficiency.

Technical Specifications

COMPONENT	SPECIFICATION
Solar Panels	450W Mono PERC, 22% Efficiency
Battery Storage	48V 100Ah-300Ah LiFePO4 (Customizable)
Inverter/Charger	5kW-20kW Hybrid Inverter (Grid-Tie/Off-Grid)
Backup Generator	Optional Diesel/Gas Hybrid Integration
Monitoring	4G/5G IoT Cloud Platform
Protection	Surge Protection, Overload Cutoff, Fireproof Enclosure

Applications

- ✓ **5G Telecom Towers** – Ideal for off-grid or unstable grid areas.
- ✓ **Remote Communication Sites** – No need for frequent fuel deliveries.
- ✓ **Emergency Backup Power** – Ensures network stability during outages.

Competitive Advantages



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