SANY®

LARGE-SIZED MOBILE PV STORAGE EQUIPMENT
大型移动光储设备

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—— Product Leaflets ——

SANY®

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三一硅能公众号

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Quality Changes the world

产品介绍
Product Introduction

三一大型移动光储设备是专为矿山、偏远工地等场景开发的离网型微电网系统，为业主生产、生活提供高效、绿色电力能源。它包含光伏组件及支架、储能单元、逆变器、能源管理系统及集成箱体。

SANY Large-sized mobile PV storage equipment is a Off-grid microgrid system specifically developed for scenarios such as mines and remote construction sites,providing efficient and green power energy for owners'production and daily life. This system includes PV modules and brackets,energy storage units,inverters,energy management systems,and container.

01 可移动 Mobility

配备集装箱体、折叠支架，可根据客户需求快速转场。
Equipped with container and folding brackets,it can be quickly relocated according to customer needs.

02 模块化 Modularity

根据不同负载需求，可多个箱体单元组合扩容。
Depending on different load requirements,multiple containers can be combined to expand capacity.

03 快捷化 Handy

出厂前完成型式、性能、安全测试，即连即用，节省90%调试时间。
Type testing、performance testing and safety testing are completed before leaving the factory,allowing for immediate connection and use,saving 90% of the debugging time.
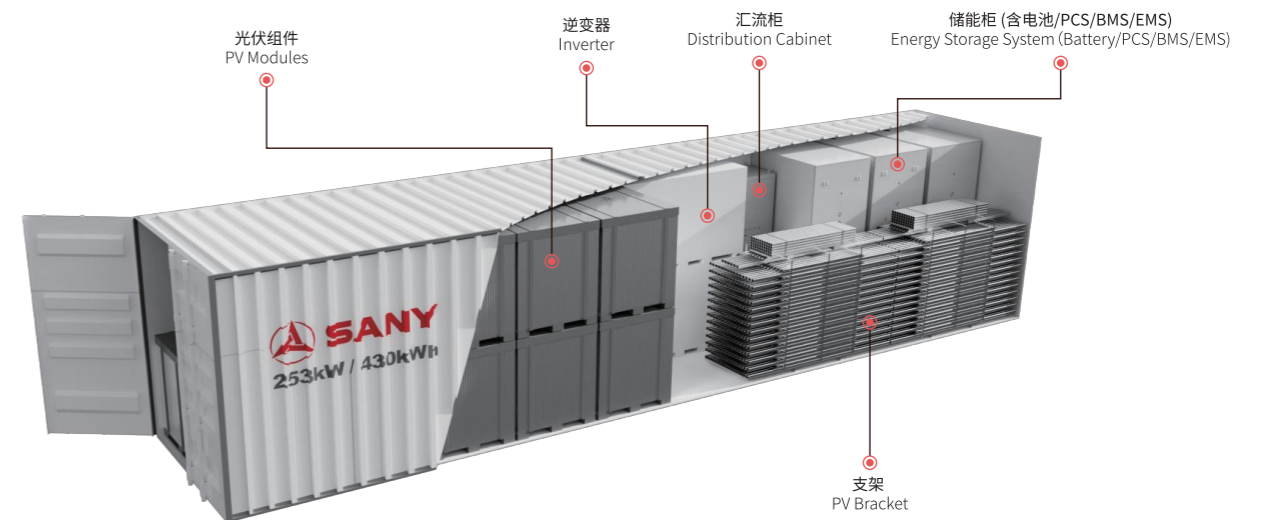
04 多场景 Multi-scenario

满足矿山、偏远地区的工地，生产、施工、办公等用电需求。
Meet the power needs for production、construction、and office in mining areas and remote construction sites.

产品参数
Product Parameters

项目 (Project)	移动光储设备-126 (Mobile PV Storage Equipment-126)	移动光储设备-253 (Mobile PV Storage Equipment-253)
外形尺寸(Overall size)	6.2mx2.5mx2.8m	12.2mx2.5mx2.8m
展开尺寸(Expand size)	30mx28m	60mx28m
设备总功率(Equipment power)	126kW	253kW
日发电量(Daily power generation)	630kWh	1265kWh
储能容量(Energy storage capacity)	215kWh	430kWh
年发电量(Annual power generation)	226800 kWh	455000 kWh
使用寿命(Service life)	储能≥10年，组件≥25 年(Energy storage≥10 years, PV≥25 years)	

光伏组件 PV Modules
逆变器 Inverter
汇流柜 Distribution Cabinet
储能柜 (含电池/PCS/BMS/EMS) Energy Storage System (Battery/PCS/BMS/EMS)

253kW / 430kWh

支架 PV Bracket

应用场景
Application scenarios

矿山 Mine

工地 Construction site

工棚 Temporary shelter for workers