

SANY®

MEDISIZED MOBILE
PV STORAGE EQUIPMENT

中型移动光储设备

产品宣传折页

— Product Leaflets —



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三一硅能公众号

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品质 改变 世界
Quality Changes the world



产品介绍 Product Introduction

三一中型移动光储设备是专为电网未覆盖或电力不足的农村、社区、牧区、灌溉、矿区等场所，开发的一款可灵活布置，可模块化扩容的离网型微电网系统，箱体集成光伏组件及支架、储能单元、逆变器、能源管理系统。The Sany Medium-sized Mobile Photovoltaic Energy Storage Equipment is an off-grid microgrid system that can be flexibly arranged and modularly expanded. It is specially developed for rural areas, communities, pastoral areas, irrigation areas, mining areas and other places where the power grid is not covered or the power supply is insufficient. The photovoltaic modules and brackets, energy storage units, inverters and energy management systems are integrated in the box.

01 可移动 Mobility

集成系统，可根据需求灵活快速的转场。
The integrated system can be quickly transferred to different locations flexibly according to the needs.

02 模块化 Modularity

根据负载需求，可多系统扩容。
According to the load requirements, the power can be flexibly expanded by using multiple boxes.

03 快捷化 Handy

成套设备已完成测试，即连即用，节省 90% 调测时间。
The complete set of equipment has been tested and can be used immediately after being connected, saving 90% of the debugging and testing time.

04 多场景 Multi-scenario

可满足农村，社区，牧区，灌溉，矿区等场景的用电需求。
It can meet the electricity demand of rural areas, communities, pastoral areas, irrigation areas, mining areas and other scenarios.



产品参数 Product Parameters

项目(Project)	参数(Parameter)
外形尺寸(Overall size)	1.5m×1.15m×2.5m
展开尺寸(Expand size)	13m×5m
重量(Weight)	1.6t
设备总功率(Equipment power)	10.5 kW
日发电量(Daily power generation)	50kWh
储能容量(Energy storage capacity)	30kWh
年发电量(Annual power generation)	18900 kWh
使用寿命(Service life)	储能≥10年, 组件≥25年 (Energy storage≥10 years, PV≥25 years)
产品应用(Product Applications)	照明/电视/洗衣机/冰箱及空调/电磁炉等大功率产品 Lighting/Television/Washing Machine/ Refrigerator/Air Conditioner/Induction Cooker and other high-power products



应用场景 Application scenarios

