

移动储能充电机器人 P/N: YZPST-MESCR-250A

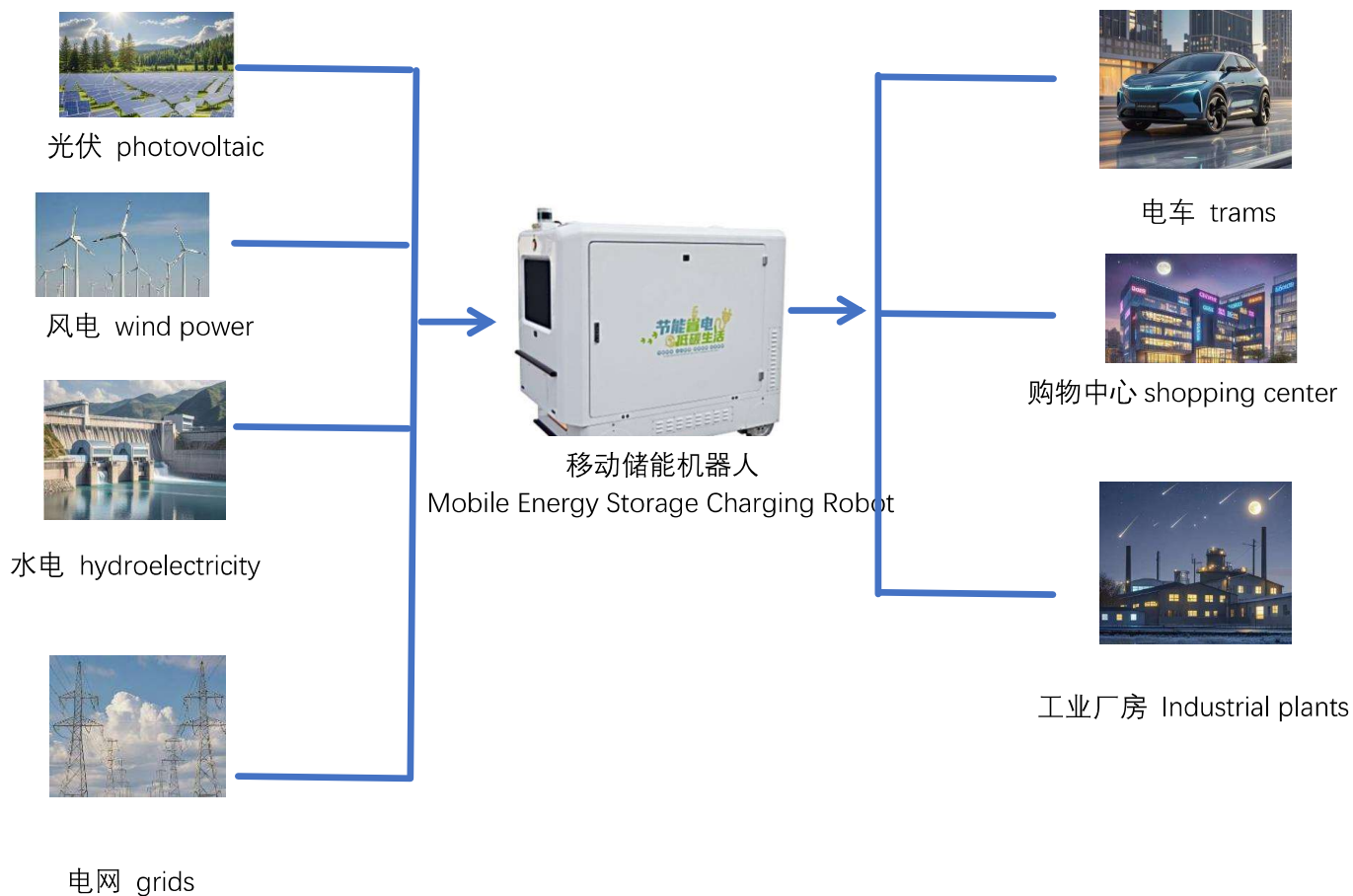
Mobile Energy Storage Charging Robot



移动储能充电机器人采用 209kWh 磷酸铁锂储能电芯, 充放电次数可达 8000 次以上, 120kW(二代液冷)快充功率, 电车补电可在 30 分钟内满电, 消除等待焦虑。主要功能有: 扫码充电、应急补能、低速自动驾驶及 5G 云驾驶, 激光雷达 + 超声波避障 + 5G 云驾驶技术, 实现智慧移动, 远程控制, 安全驾驶, 适用所有配置快充接口车型, 具有完善的过压、短路、充电及过热等保护功能。

Mobile energy storage charging robot adopts 209kWh lithium iron phosphate energy storage core, charging and discharging times can reach more than 8,000 times, 120kW (second generation liquid cooling) fast charging power, trolley replenishment can be fully charged in 30 minutes, eliminating waiting anxiety. The main features include: Scan-to-charge, emergency power supply, low-speed autonomous driving, and 5G cloud-based driving. Equipped with LiDAR + ultrasonic obstacle avoidance + 5G cloud-driving technology, it enables intelligent mobility, remote control, and safe operation. Compatible with all models featuring fast-charge interfaces. Comprehensive protection functions against over-voltage, short circuits, charging faults, overheating, and other risks.

移动储能机器人应用场景 Application Scenarios



移动储能充电机器人技术参数

额定电流	250A
额定电压	750V DC
储存容量	209kWh
充电功率	120kW
综合充电效率	≥95%
整车外形尺寸	2250mm*1000mm*1800mm
自重	2600kg
麦轮行驶速度	5-50cm/s
跨越减速带高度	50mm
驱动结构	伺服麦克纳姆轮+伺服电机机构
运动模式	前进、后退、360°旋转、侧移、平移

输入接口	国标快充/全自动补电接口
输出电压范围	DC 250V-1000V
输出电流范围	0-200A
防水等级	IP54 级别
工作温度	-20℃~70℃
充电操作方式	手机 APP/微信小程序

Technical Parameters

Rated Current	250A
Rated Voltage	750V DC
Storage capacity	209kWh
Charging power	120kW
Comprehensive charging efficiency	≥95%
Overall Dimension	2250mm*1000mm*1800mm
Weight	2600kg
Wheel speed	5-50cm/s
Height over speed bumps	50mm
Drive Structure	Servo McNamee wheel + servo motor mechanism
Motion Mode	Forward, backward, 360°rotation, side shift, panning
Input interface	National standard fast charging/full-automatic replenishment interface
Output voltage range	DC 250V-1000V
Output current range	0-200A
Waterproof rating	IP54
Operating Temperature	-20℃~70℃
Charging operation mode	Mobile APP/WeChat Small Program