Energy Storage

Mobile Energy Storage Charging Vehicle

The Mobile Energy Storage Charging Vehicle integrates the three core functions of intelligent mobile chassis, energy storage and intelligent charging, which can provide flexible, convenient and green car charging service for new energy vehicle owners.



KEY FEATURES

Competitiveness

- Blade Battery
- Intelligent driving
- Intelligent Storage-Charge
- Intelligent dispatch

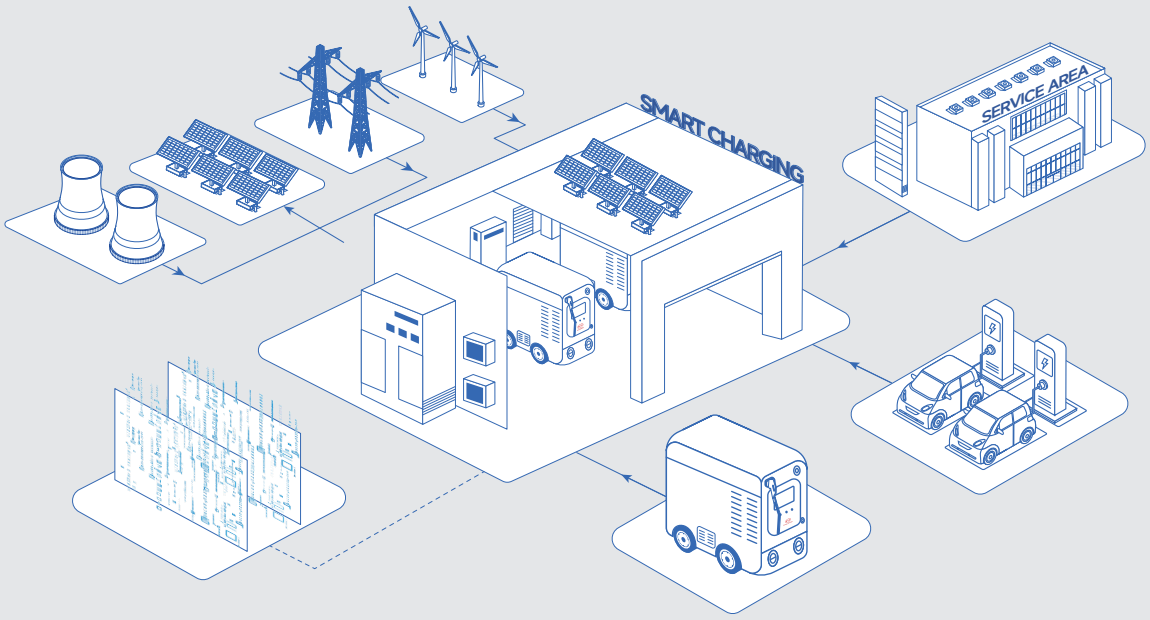
Function

- PV+ESS Integration
- Mobile DC fast charging
- Off-grid emergency power supply
- V2G(Vehicle-to-Grid),Peak shavingandvalleyfilling

Edge

- Flexible, convenient, high-capacity fast charging
- Supersafe, Ultra-high energy density, Ultra-long life

APPLICATION SCENARIO



Technical Parameters

Product Name	MESCV-C100-V1
Battery system parameters	
Nominal Power（kWh）	100
Nominal Voltage (Vdc)	704
Rated Capacity (Ah)	150
Recharge	DC Recharge
Recharge Voltage Range	DC300-750VDC
DC Output Parameters	
Charging Power	80kW-FastCharging（GB/EN）
Output Voltage Range (Vdc)	250~1000
Output Current Range (A)	0~200
Charging Mode Of Operation	Scan Code, App, Password
Integrated Charging Efficiency	≥95%
Charge Gun Cable Length	7m
System parameter	
Weight (kg)	<1550
Size (mm)	1890*960*1500
Operating Temperature	-30°C~60°C
Storage Temperature	-20°C~45°C
Relative Humidity	≤95%RH, non-condensing
Altitude	2000m
Body Protection Level	IP54
Noise	< 80 dB (at 1 m from the unit)
Auxiliary Power	Liquid cooling
Chassis	
Control Mode	Remote control driving is standard
Driving Mode	Drive-by-wire
Braking Mode	Electro-hydraulic brakes EPB Electronic Parking
Turning Mode	Front Ackermann steering
Travel Speed	0~10km/h
Maximum Climb With Full Load	20%
Obstacle-crossing Ability	≤60mm (barrier height)
Ditch-crossing Capability	≤80mm (trench width)
Wading Depth	≤100mm (water depth)
Minimum Turning Radius	2.6m
Optional Features	
Optional Features	Off-grid charging and discharging, PV+ESS Integration, V2G, Autonomous driving
Others	
Executive Standard	GB-T 36276、GB-T 18487、GB-T 20234、GB-T 27930、IEC62619、IEC61851

*Products are constantly being updated, please refer to the latest information