

120kW/209kWh Mobile energy storage cabinet

MEGA PowerRover209K

The MEGA PowerRover209K can provide backup power during power grid failures, ensuring uninterrupted charging services and enhancing reliability. With a compact and integrated design, it saves space during installation and is suitable for environments with limited space. The MEGA PowerRover209K has the following notable features: extremely high safety, outstanding ability to withstand extreme environments, an intelligent monitoring system, and the ability to adapt to various usage scenarios.



*The trailer shown in the picture is only for demonstration purposes. The actual product does not include the trailer.

Features

01

Environmentally Friendly

Pollution-free. Low noise

03

Cost Saving Yet Powerful

Charging at off-peak times effectively reduces charging costs. It can be adapted to various audition scenarios

02

Safe & Reliable

IP54; Overvoltage & undervoltage protection; Low maintenance

04

Mobility

Can be installed on a trailer and towed by conventional road vehicles, or installed inside a container for transport

Application Scenario:

Emergency power supply, event performances, backup power supply, field research expeditions

PRODUCT PARAMETERS

Battery Parameter	MEGA PowerRover209K
Chemistry	Hybrid Electrolyte Solid State LFP 3.2V 314Ah
Rated Voltage	665.6 V
Voltage Range	603.2~748.8 V
Total Energy	209 kWh
AC parameter	
One-to-many output	100 kW
10 Outlets	6*32 A (220 V), 4*63 A (380 V)
Max. AC input current	226 A (380 V)
DC parameter	
Max. DC Outlets	120 kW
DC Fast charger	European standard DC charging
MPPT (Optional) parameter	
Rated power	4 circuits*10 kW
Rated current	4 circuits*30 A
Rated voltage	350 V
Voltage range	150~1000 V
STS (Optional) parameter	
Rated power	150 kW (STS)
Rated current	304 A
Switching Time	≤20 ms
Usage	
IP Rating	IP54
Working temperature	Charge 5~45°C; Discharge -15~45°C
Storage temperature	-2~45°C
Working environment humidity	5~90%
Fire fighting system	Rapid type aerosol fire extinguishing device
Basic Parameter	
Operation mode	Screen operation
Weight	2.8 t
Dimension	2200*1400*1600 mm (Excluding the trailer)
Mounting Method	Fixed / Portable (trailer-mounted)
Certifications	
UN38.3 (Under Certification)	

This datasheet is intended solely for product information and is not legally binding. The actual specifications and/or product features may differ slightly from those stated. Errors and changes are reserved. Please read the safety and installation instructions carefully and completely before using the product. Upon purchase, the currently valid warranty statements and the general terms and conditions of Megalion Europe GmbH shall apply.



Megalion Europe GmbH
 Website: www.megalion.eu
 Email: Yannic.Holderried@megalion.eu / Markus.korsten@megalion.eu

UN38.3