Pelican EV
Charging Solutions

60kWh Mobile Battery Energy Storage System



The Pelican EV mobile BESS / Charger is designed with flexibility in mind. Giving you 60kWh of power, with the ability to take it wherever you need it.

Take advantage of cheaper night-time electricity rates by storing energy overnight for more affordable daytime power usage. The 60kWh BESS can be customised to meet your specific requirements, such as providing power for an outdoor festival, installed in workshop to charge vehicles, or supporting a remote construction site.



Benefits of the Pelican EV 60kWh Mobile BESS:

- Tried and tested quality
- 40kW DC charging
- Reduce energy costs
- Versatile - can be mounted on a vehicle or installed in a fixed location
- Can be tailored to your bespoke requirements.
- 4 year manufacturer warranty

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Product Name:	60kWh Mobile BESS
Charging Power Rate:	40kW
Output Voltage Range:	200-1000V
Max. Output Current:	200A
Dimensions (mm):	1110mm (d), 1575mm (w), 1020mm (h)
Working Temperature:	-20°C to +55°C
Working Humidity:	5%-95% No Condensation
Working Altitude:	2000m
Protection Level:	IP55
Cooling Method: Charger:	Air Cooling Battery: Liquid cooling
Input Voltage Range: AC:	400VAC±10%,50/60Hz DC: 250VDC~ 800VDC
Power (kWh):	62.98kWh
Curb Weight (kg):	750kg
Language:	English/Greek/Portuguese/Customized
Energy Storage System:	LiFePO4 battery (capacity adjustable, naturally cooled battery)
BMS:	BMS main control module/acquisition module, including single cabinet overvoltage, undervoltage, overcurrent, temperature protection, battery power balancing, monitoring voltage and temperature, SOC and SOH calculation, cabinet charge and discharge control, etc
Data Recorder:	It has the function of recording and storing dual-channel CAN data of the whole vehicle, and can store equipment data for no less than 7 days
Charging Station:	Communication interface: CAN control Functional features: charging protection, safety monitoring, data transmission, etc.; with plug temperature detection, over-temperature, over-voltage, under-voltage, overload, short circuit, leakage, lightning protection
Charging Socket:	CCS2
DC/DC Controller:	UK 3 Pin AC Socket, 220V



Scan for more information

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