Bessteq
A PART OF TECHON7GROUP

M-Power Station

Powering the Future – Clean. Mobile. Intelligent.



Mobile Energy Storage System combines a 125kW power output with 261kWh of usable energy in a compact, transportable platform designed for temporary and off-grid power applications.

Engineered for demanding environments, the system provides clean, quiet, and reliable electricity for construction sites, mining operations, outdoor events, emergency response, and remote industrial projects. When deployed alongside diesel generators, it significantly reduces fuel consumption, operating costs, emissions, and generator runtime.

Max. Parallel Connection Of 2

Maximum 1C Discharge

30% Space-intensive Design

IP55 for Outdoor Installation

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Model	M-Power S125/261
Battery Parameters	
Battery Type	Lithium Iron Phosphate (LFP)
Cell Capacity	3.2V/314Ah
Configuration	1P52S*5S (1P240S)
Rated Energy	261.2 kWh
Rated Charge/Discharge Power	0.5P (25+2℃)
Max Charge/Discharge Current	200A (25+2℃)
Rated Voltage	768V
Operating Voltage Range	672.0V~840V
PV Side Parameters	
Rated Power	125 kW
Max DC Current	203A
DC Side Operating Voltage Range	DC615~950V (3W+PE)/DC650~950V (3W+N+PE)
Rated AC Voltage	AC230/400V, 3W+PE/ 3W+N+PE
Rated AC Current	180A
Rated AC Frequency	50/60Hz (+5Hz)
Power Factor	1 leading~1 lagging
THDI	<3%
Overload Capability	110%, normal operation
External Interfaces	
200A Three-Phase Power Box	3
16A Single-Phase Socket	2
125A DC Charging Socket	1
DC Output (Optional)	
20kW Charger	1
General Parameters	
Operating Temperature	10~90% RH (non-condensing)
Operating Humidity	-20℃~55℃ (>45℃ derating)
Storage Temperature	0℃~35℃
Altitude	3000m (>2000m derating)
Cooling Method	Intelligent air cooling + liquid cooling
Fire Protection	Aerosol fire extinguishing device (optional)
Communication	RS485 / CAN / Ethernet / Wi-Fi/ 4G / Dry contact
Isolation Type	Non-isolated
Protection Class	IP55
Dimensions (W*D*H, mm)	2000*1300*1560 (+5)
Weight (kg)	2500kg
Warranty	5 years