



Midea MHELIOS Home Energy Storage Unit (5-40kWh)



Quick Installation

- Easy plug and play installation, touch free commissioning with smartphone

More usable energy

- Parallel design avoids the barrel effect of short board batteries and improves usable capacity

Safety and reliable

- Electrical isolation and BMS protection functions ensure battery safety

Flexible application

- Modular design for easy installation and transportation

Midea Energy Storage Unit



Performance				
Number of power modules	1	1	1	1
Battery module energy ¹	5kWh			
Number of battery Modules	1	2	3	4
Battery total energy	5kWh	10kWh	15kWh	20kWh
Max. output power	2.5kW	5kW	5kW	5kW
Nominal voltage(three phase system)	600V			
Operating voltage range(three phase system)	600-980V			
Scalability	Max. 2 systems in parallel operation			
Communication				
Display	SOC status indicator, LED indicator			
Communication	RS485, CAN			
General Specification				
Dimension (W*H*D)	690*815*168mm	690*1223*168mm	690*1631*168mm	690*2038*168mm
Weight (Floor stand toolkit included)	78 kg	131kg	184kg	237kg
Power module dimension (W*H*D)	690*407*168mm			
Power module weight	25.3 kg			
Battery module dimension (W*H*D)	690*402*168mm			
Battery module weight	53 kg			
Installation	Floor stand (standard), Wall mount (optional)			
Operating temperature	-20°C ~ + 55°C (-4°F ~131°F)			
Max. operating altitude	2000m			
Environment	Outdoor/ Indoor			
Relative humidity	5%~95%			
Cooling	Natural convection			
Protection rating	IP 65			
Cell technology	Lithium-iron phosphate (LiFePO) ₄			
Compatible inverters	Midea Energy Manager(Three Phase)			
Certification	IEC/EN 62109-1, IEC/EN 62477, EN 61000-6-1, EN 61000-6-3, IEC62619, UN38.3, IEC/EN 62040-1			
Warranty				
Warranty	10 years			

1. Test conditions: 100% depth of discharge(DoD), 0.2C rate charge & discharge at 25°C, at the beginning of life.
*The above specification is not final and is for reference only.