

# Specifications

Model	BAOBAB PRO-M10	BAOBAB PRO-M15	BAOBAB PRO-M20
<b>System Parameters</b>			
Battery box quantity	2	3	4
Rated energy	9.6 kWh	14.4 kWh	19.2 kWh
<b>PV Input</b>			
Max. input power	9000 Wp		
Max. input voltage	550 V		
Number of MPPT trackers	2		
MPPT operating voltage range	70~540 V		
Max. short-circuit current	20 A/20 A		
<b>AC Input</b>			
Rated input voltage	220 V/230 V		
Rated input power	6000 W		
Rated input current	27.2 A		
Grid connection	Single		
Nominal grid frequency	50 Hz/60 Hz		
<b>AC Output</b>			
Rated output power	6000 VA		
Rated output voltage	220 V/230 V		
Max. output current	26 A		
Rated output frequency	50 Hz/60 Hz		
<b>General data</b>			
Weight	PCS: 25 kg Battery: 104 kg	PCS: 25 kg Battery: 149 kg	PCS: 25 kg Battery: 194 kg
Dimension (W*D*H)	PCS: 515*175*487 mm Battery: 600*430*440 mm	PCS: 515*175*487 mm Battery: 600*430*590 mm	PCS: 515*175*487 mm Battery: 600*430*740 mm
Max. efficiency	97.3% (PV to AC); 94.3% (BAT to AC)		
Expandability	Up to 6 Units in Parallel		
IP level	IP65		
Max. operating altitude	<2000m		
Operating temperature range	-10 °C~45 °C		
Storage temperature	-20 °C~55 °C		
Relative operating humidity	5%~95%, RH		
Installation method	Floor-standing/wall-mounting (optional)		
Certifications	IEC/EN62619, IEC/EN60730, UN38.3, UN3480 IEC/EN61000, IEC/EN300328, ICASA, NRS 097		

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Potis Edge

# Residential Energy Storage System

BAOBAB PRO-M10/M15/M20

(Low Voltage)



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# BaoBab Pro-M10/M15/M20

Residential Energy Storage System (Low Voltage)

The BAOBAB PRO-MUS integrated residential energy storage system is a small-scale energy supply solution primarily for household use. The ALOE PRO-MUS can effectively improve energy resilience and reduce energy costs. Minimize dependence on the traditional power grid and provide stable and reliable power for off-grid and unstable areas.



Support up to  
6 units in parallel

≤115kWh



## Flexible Energy Storage Capacity Tailored to Residential Users Needs

BAOBAB PRO-M10/M15/M20

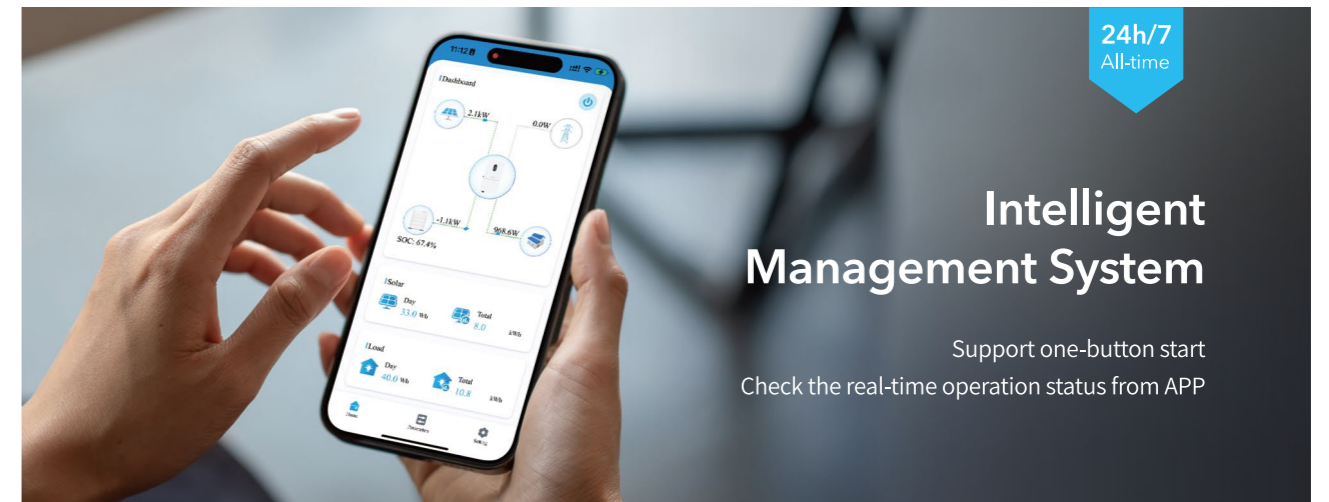


**Modular Design**  
Support flexible expansion of single unit and  
parallel connection of multiple units

**Wide Range of Applications**  
Optional diesel engine  
Feed excess power to the grid

**Multi-level Protection**  
Brand-new LFP battery cells  
Three-stage battery pack protection

**Easy to Install**  
Easy to transport  
Installation can be done by one person



24h/7  
All-time

## Intelligent Management System

Support one-button start  
Check the real-time operation status from APP

## Global Quality System Certification

Have passed the global mainstream certification.  
Conform to IEC, UN38.3 and other standards.

UN38.3

CE

ICASA