Specifications

Model	BAOBAB PRO-M10	BAOBAB PRO-M15	BAOBAB PRO-M20
System Parameters			
Battery box quantity	2	3	4
Rated energy	9.6 kWh	14.4 kWh	19.2 kWh
PV Input			
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		
AC Input			
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		
AC Output			
Rated output power	6000 VA		
Rated output voltage	220 V/230 V		
Max. output current	26 A		
Rated output frequency	50 Hz/60 Hz		
General data			
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 ℃~45 ℃		
Storage temperature	-20 ℃~55 ℃		
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)

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

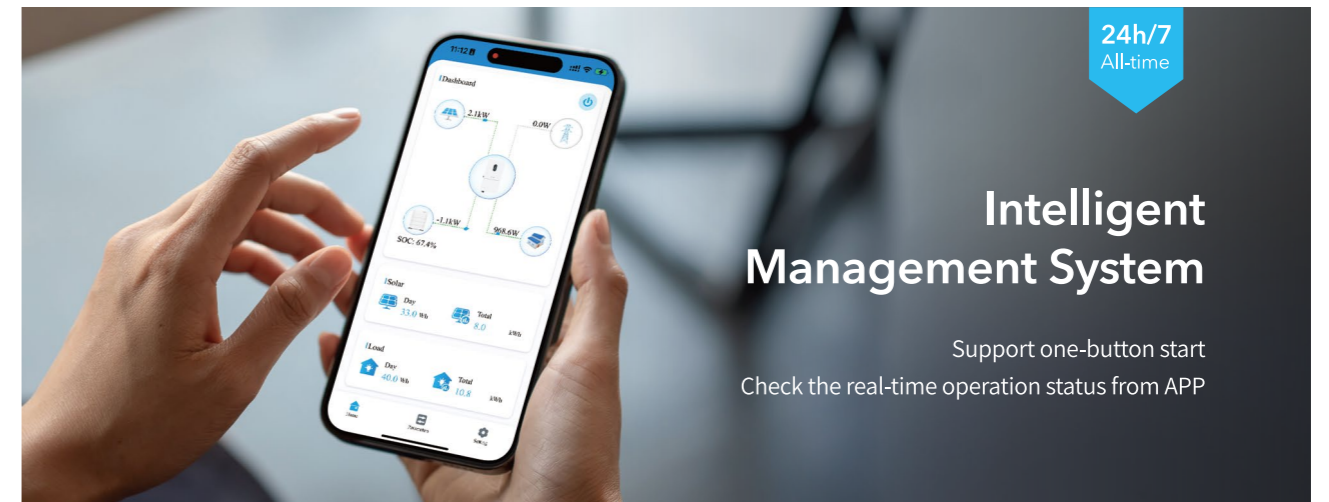9.6 kWh   14.4 kWh   19.2 kWh   Inverter

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