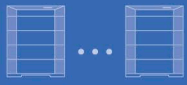




InterConti Trading s.r.o.
official distributor of



Підтримка до
6 одиниць паралельно
≤115 кВт-год



ALOE Pro-M10/15/20

Low-Voltage Parallel On-Grid Residential ESS

The ALOE PRO-M is a residential solar storage system that provides UPS functionality to power the entire house during grid outages. It converts high-voltage DC power generated by solar panels, storing it in the battery or supplying it to household loads. The system ensures stable voltage and frequency to protect household appliances and supports grid integration, allowing excess energy to be fed back into the grid where permitted, potentially earning revenue.

Features

Plug-and-Play

Quick plug design for easy transport and installation.
Single PACK ≤45kg, control box ≤14kg,
installable by one person in 30 minutes.

Scalable Energy

Expand from 9.6kWh to 19.2kWh per inverter, and up to 30KW, 115.2kWh with multi-system parallel connections.

Off-Grid Ready

Supports up to 6 units in off-grid mode, charging via solar panels.

Energy-Saving Mode

Automatically enters low power mode when idle, with quick wake-up for charging/discharging.

Energy and Money Saving at Your Fingertips

Our app provides 24/7 electricity usage monitoring, remote control, mode switching, automated financial tracking, remote diagnostics, and scheduled charging/discharging, all with a minimalist, user-friendly interface.

Day/Night Mode

for more personalized user experience

Remote Control

Remote device control and mode switching

Remote Diagnostics

Remote diagnostics by installers for quick issue resolution

Smart Finance Tracking

Automatic income and expense tracking



Specifications

Model	ALOE PRO-M10	ALOE PRO-M15	ALOE PRO-M20
System Parameters			
Battery Pack 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*H*D)	PCS: 515*487*175 mm Battery: 600*440*430 mm	PCS: 515*487*175 mm Battery: 600*590*430 mm	PCS: 515*487*175 mm Battery: 600*740*430 mm
Max. Efficiency	97.3% (PV to AC); 94.3% (BAT to AC)		
Expandability	Up to 6 Units in Parallel		
Ingress Protection Rating	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-Mount/Wall-Mount (optional)		
Certifications	IEC/EN62619, IEC/EN60730, IEC/EN62109, IEC/EN62040 IEC/EN61000, IEC/EN300328, ICASA, NRS 097, UN38.3, UN3480		

UN38.3

CE

Potis Edge

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