



**AORIMA**  
KEEP YOUR ENERGY



# KeepPowerR

The stationary energy battery for private users

**AORIMA-hs-lv-5.12Aa**

**51.2V 100Ah 5.12kWh**



Thanks to its modular design, the multifunctional energy storage system offers endless possibilities. Customise the system to meet your specific needs by easily adding additional storage units.



10-years guarantee on parts excluding transport

-KeepPowerR is a stackable energy storage battery.

-It can be integrated into your existing home installation to harness all your solar energy.

-It can also be used as a back-up power supply when the electricity grid is interrupted. It allows you to consume energy uninterruptedly for 24 hours.

-KeepPowerR is designed so that once it has been charged, the flow is redirected to the grid, maximising the value of your production.



Economy



Green energy



Scalable design



High performance



Safe and reliable



Freedom



Real-time monitoring



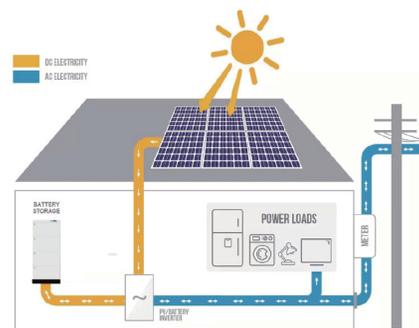
Autonomy



Intelligent product



Elegant design



Off Grid

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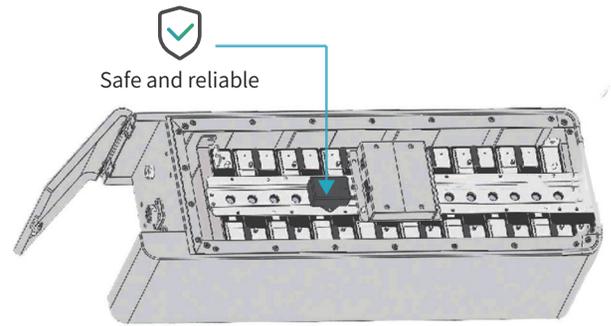
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## Aerosol fire extinguishing system

The energy storage system is equipped with a revolutionary aerosol fire extinguishing system. Offering professional-level efficiency and reliability. Its compact size, fast response and environmentally friendly features make it ideal for confined spaces. Invest today in your KeePowerR battery today to benefit from top-of-the-range fire protection technology, so you can ensure the safety of people and property.



Technical specifications		AORIMA-hs-lv-5.12Aa				Monophasé
Models	51.2V100Ah	51.2V200Ah	51.2V300Ah	51.2V400Ah	51.2V500Ah	51.2V600Ah
Number of modules	1 pack	2 packs	3 packs	4 packs	5 packs	6 packs
Example						
Energy	5.12 KWh	10.24 KWh	15.36 KWh	20.48 KWh	25.6 KWh	30.72 KWh
Dimensions (L x w x h)	600 x 210 x 440 mm	600 x 210 x 740 mm	600 x 210 x 1040 mm	600 x 210 x 1340 mm	600 x 210 x 1640 mm	600 x 210 x 1940 mm
Weight (Kg)	56	104	152	200	248	296
Operating voltage range	43.2V~56.16V					
Recommended charging current	50A					
MAX. continuous charge/discharge current	100A					
Peak discharge current	150A600ms					
LED display	Battery information, such as SOC, battery operating status.					
Communication	RS485/CAN support					
Charging temperature	0°C~ to +55 °C					
Discharge temperature	-20 °C~ to +60°C					
Protection class	Preferably indoor or outdoor under cover					
Cooling	Passive					
Cells	Phosphate - lithium - iron (LiFePO4)					
Life cycle	6,000 cycles at 80% DOD					
Certificates	CB, IEC62619, UL1973, UL9540A, UKCA, CE-EMC, CE-GPDS, EN62619; UN38.3, MSDS					



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