

MOBILE ENERGY STORAGE SYSTEM

AORIMA eMove250kW / 482 kWh
AORIMA eMove250kW / 723 kWh



All-in-one design for easy transportation and installation, flexible deployment



Separation of electrical and battery compartments to prevent thermal runaway from spreading



Multiple capacity designs
Meets the needs of multiple applications



Supports PV DC access



Multiple quick-connect port design
Meet the needs of different scenarios for quick connection



PV power station



Wind power station



Industrial and commercial



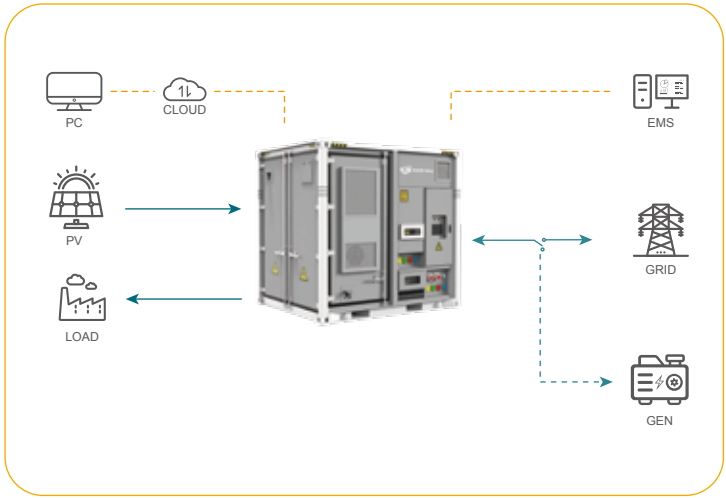
Grid side



Hybrid charging



Microgrid



Model	AORIMA eMove250kW / 482 kWh		AORIMA eMove250kW / 723 kWh
Battery			
Rated Charge/Discharge Performance	0.5C		
Battery Capacity [Ah]	314		
Battery Rated Voltage [V]	768		
Operating Voltage Range [V]	684 ~ 864		
Rated Capacity [kWh]	482	723	
System Battery Configuration	(1P240S) *2P	(1P240S) *3P	

AC Output (On-Grid)

Rated Output Power [kW]	250
Rated Output Current [A]	360
Rated Output Voltage [V]	3W/N/PE,230/400
Rated Output Frequency [Hz]	50/60
Power Factor	1 (0.9 Leading - 0.9 Lagging)
THDi	< 3% (@Rated Power)

AC Output (Off-Grid)

Rated Output Power [kW]	250
Rated Output Current [A]	360
Rated Output Voltage [V]	3W/N/PE, 230/400
Rated Output Frequency [Hz]	50/60
Unbalanced Load Capacity	100%

PV Input

PV Max. Input Power [kWp]	360
PV Max. Input Voltage [V]	700
MPPT Max. Number	6
PV Input Voltage Range [V]	200~650
PV Max. Input Current [A]	6*150

General Parameters

Isolation Transformer	Yes	
Ingress Protection	IP54	
Cooling Method	Liquid Cooling	
Fire Fighting System	Aerosol	
Relative Humidity	0~95%, Non-condensing	
Operating Temperature [°C]	-20~+50	
Altitude [m]	4000 (> 2000 Derating)	
Communication	CAN/RS485/ Ethernet	
Communication Protocol	Modbus/IEC104	
Weight [T]	≈ 8.1	≈ 9.8
Dimension (W*D*H) [mm]	2991*2438*2896	

* If there are any changes in product dimensions and parameters, please refer to the latest information of our company without further notice. Other specifications can be customized according to customer requirements.