



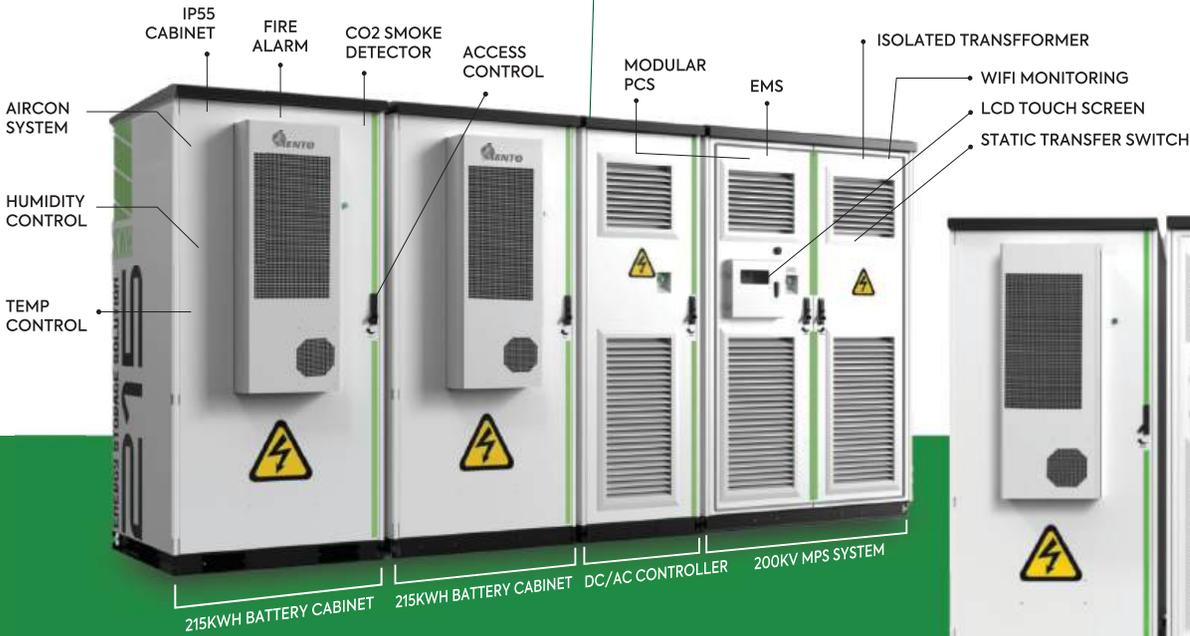
OUTDOOR COMMERCIAL ENERGY & STORAGE SYSTEM

**SOLAR HYBRID ENERGY STORAGE SOLUTIONS FOR
RESIDENTIAL, COMMERCIAL & INDUSTRIAL PRODUCTS**

BESS SYSTEMS OUTDOOR CABINET

430kWh

ET-250K-MPS/280-430K



AIR COOLED SYSTEM

215kWh

ET-100K-MPS/280-215K

- / Support flexible expansion of PV capacity.
- / Support simultaneous access to load, battery, grid, DG, and PV.
- / Integrated EMS function, safe and stable.
- / Support battery capacity and discharge time prediction.
- / Built-in insulation transformer has strong load adaptability.

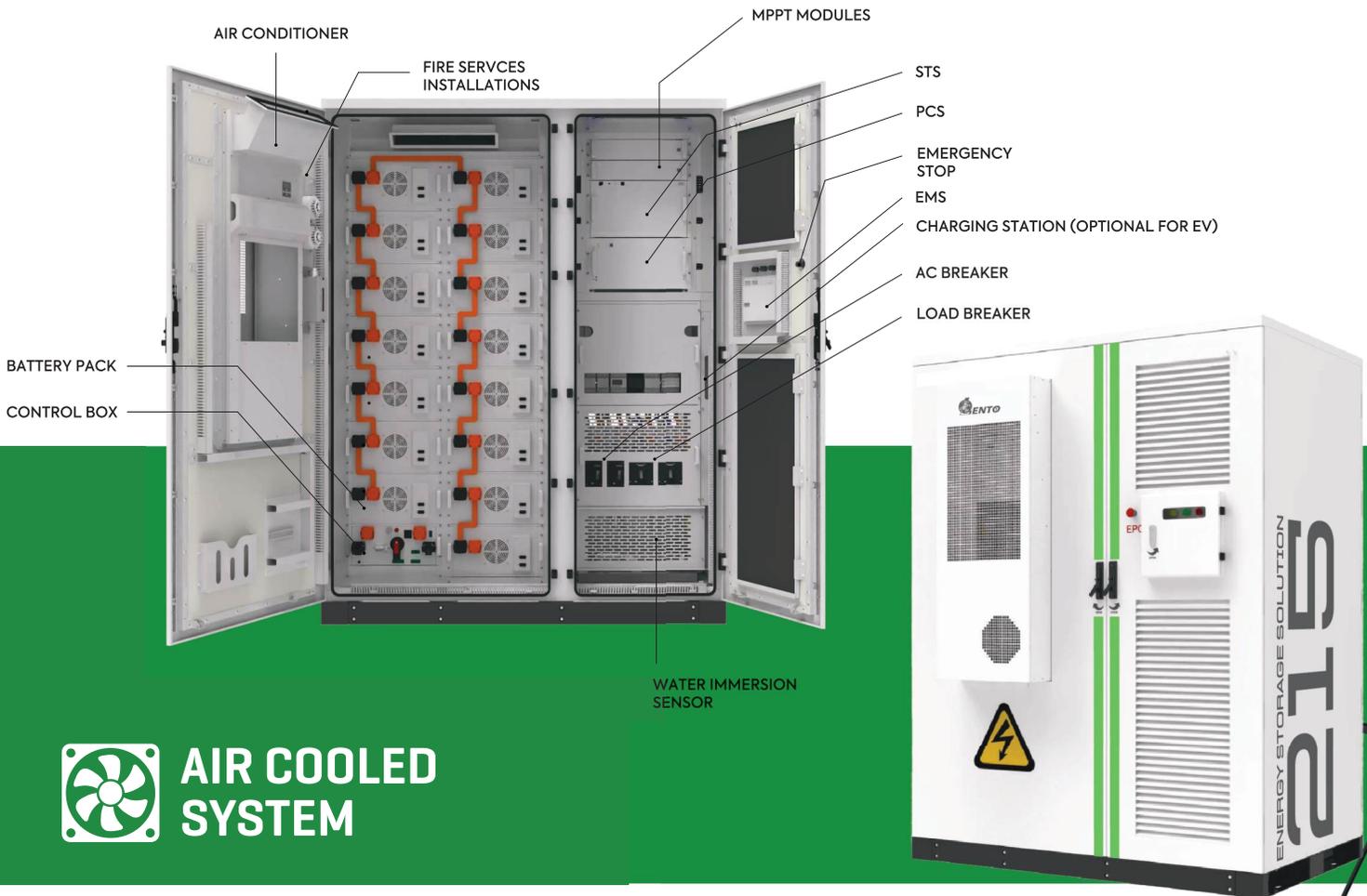
APPLICATION

- ▶▶ Off-grid area
- ▶▶ Without electricity (power shortage) area
- ▶▶ Remote rural area

MODULAR FLOW 215

BESS SYSTEM

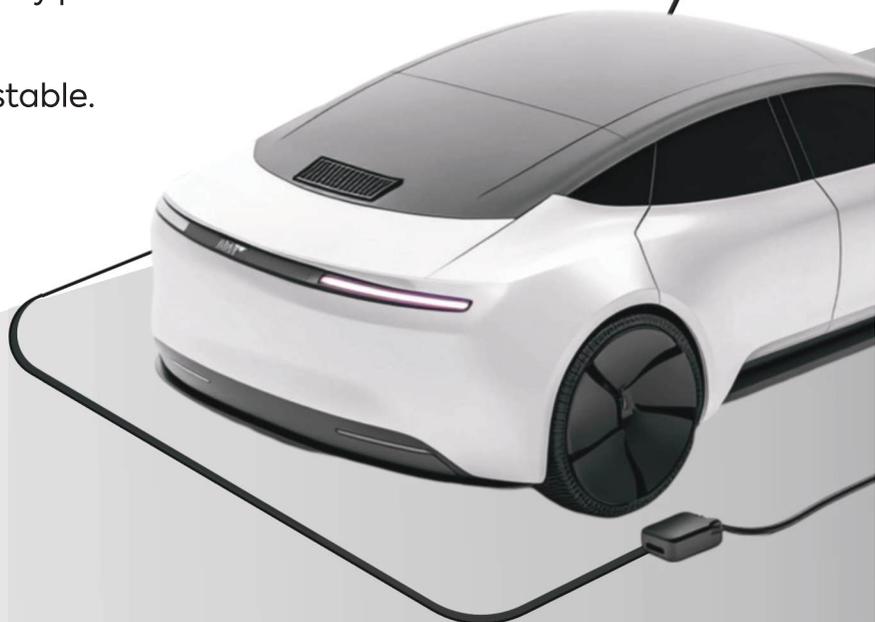
ET-100K-MPS/280-215K/M



**AIR COOLED
SYSTEM**

- / Air-cooled system for optimal performance
- / Modular design allows replacing faulty parts without affecting the whole system.
- / Integrated EMS function, safe and stable.

**CHARGES ELECTRIC
CARS IN 30 MINUTES**



MODULAR VERSION



BESS	100kW/215kWh	100kW/215kWh (Modular)	250kW/430kWh
HYBRID INVERTER PARAMETERS			
PV			
Nominal MPPT Quantity	2	2	5
Rated MPPT Module Power	50kW	50kW	50kW
Max. Output Power	120kW	120kW	300kW
MPPT Voltage Range	250 ~ 850 VDC	200 ~ 600 VDC	250 ~ 850 VDC
MPPT Voltage Range @ Full Load	450V ~ 850V	200 ~ 600V	450 ~ 850V
AC ON-GRID			
AC Connection	3W+N+PE		
Nominal Voltage	AC 230V/400V (Euro Version) AC 120V/208V (US Version)		
Nominal Power	AC 100kW		
Rated Grid Voltage	AC 166V-239V (Euro Version) AC 80-160V (US Version)		
Applicable Grid Frequency	50Hz/60Hz		
Rated Current	278A	278A	694A
THDi	<3%		
AC Power Factor	1.0 [0.8 lead – 0.8 hysteresis (settable)]		
AC OFF-GRID			
Nominal Voltage	AC 230V/400V (Euro Version) AC 120V/208V (US Version)		
Nominal Power	AC 100kW		AC 250kW
Rated Frequency	50Hz/60Hz		
THDu	<2% linear		
Rated Current	278A	278A	694A
BATTERY PARAMETERS			
Cell	LFP 280Ah		
Battery Module Rated Voltage	51.2V		
Battery Module Energy	14.336kWh		
Battery Rack Rated Voltage	786V		
No. of Battery Racks	1	1	2
Capacity	280Ah		
Voltage Range (V)	672V ~ 850V		
Battery Capacity (BOL)	215.04 kWh	215.04 kWh	430.08kWh
GENERAL PARAMETERS			
Cooling Method	Inverter: Forced Air Cooling Battery: HVAC		
Firefighting System	Integrated		
Dimensions	Battery Cabinet: 1050*1100*2340mm Hybrid Inverter: 1600*1430*2340mm	Battery Cabinet: 1800*1266*2319mm	2x Battery Cabinet: 1050*1100*2340mm Hybrid Inverter: 1600*1430*2340mm PV Controller: 800*1100*2340mm
IP Grade	Hybrid Inverter: IP54 Battery cabinet: IP55		
Operating Temperature Range	-20°C ~ 50°C		
Relative Humidity	0-95%		
Altitude	<2000m		



Reach Us Here

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