

eBox-215

All-in-one ESS



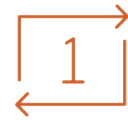
High-performance

Energy efficiency up to 90%, along with its cycle life is over 5000 times



Convenience

Standard and scalable, easy for transportation, installation, and maintenance



Turnkey

Highly integrated with LFP, BMS, PCS, CCU, HVAC, FES, and EMS all in one cabinet



eBox-215 All-in-one ESS

Performance	Cell Capacity / Material	280 Ah/LFP Prismatic
	Operation Voltage , DC	720 V - 852 V
	DC Rated Voltage	768 V
	System Rated Capacity	215 kWh
	System Usable Capacity	200 kWh (93% DOD)
	Rated Discharge Current	≤0.5 C
	Cycle Life	≥6000 cycles
	Thermal Mangement	Industrial air controlled system
	Fire-Extinguishing System	Gas fire extinguishing equipment
PCS	Rated Output Power	100 kVA
	Maximum Output Power	110 kW
	Rated Grid Voltage	400 Vac , 3W+N+PE
	Frequency	50 Hz
	THD	<3% (Rated power)
Environmental	Operating Temperature	-20°C - 55°C
Mechanical	Ingress Protection	IP 54
	Enclosure Material	Aluminum alloy
	Cooling	Natural cooling
	Dimension (WxHxD)	1,257 x 2,200 x1,438 (AC included)
	Weight	2,545 Kg
	Protective Function	Overvoltage protection, Undervoltage protection, Overfrequency protection, Underfrequency protection, Overcurrent protection, Overpower protection, Overtemperature protection, Short circuit protection, Anti reverse connection protection
	Detection Function	Insulation impedance detection
Regulation	Certificate / Compliance	IEC/EN62619, IEC/EN63056, IEC62477-1, IEC/EN61000-6-2/-4, Vde-AR-E2510-50

