

# eBox-215

## All-in-one ESS



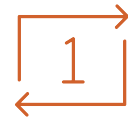
### High-performance

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

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