

# 723kWh ALL IN ONE ECO-B10FT723LP-2 LIQUID-COOLED ESS CONTAINER



The ECO-B10FT723LP -2 is a highly integrated, standard 10-ft containerized energy storage system designed for commercial and industrial applications, with a rated AC output voltage of 400V. The system integrates STS system, providing strong off-grid load capability and supporting seamless on/off-grid switching within 20ms. It is equipped with dedicated interfaces for diesel generator connection and PV inverter connection, enabling multiple power sources to supply the system. This flexible design allows the system to adapt to various application scenarios and diverse user requirements.

Model	ECO-B10FT723LP-2
<b>Battery Side</b>	
Cell Type	LFP/314Ah
System Grouping Method	1P240S*3
Rated DC Voltage	768V
Rated Energy	723kWh,100%DOD (25 2°C) 0.5P
DC Voltage Range	DC672~864V Minimum single-cell voltage: 2.8V Maximum single-cell voltage: 3.6V
<b>Grid Side</b>	
Rated Output Power	375kW
Maximum AC power	412 kW (for 1 minute)
Grid Rated Voltage	400Vac/3P+N+PE
Rated Frequency	50Hz/60Hz
Power Factor	-0.99~+0.99
AC Current Distortion Rate	≤3%
DC Ratio	<0.5% pn
<b>General</b>	
Efficiency	≥88%
Charge/Discharge Rate	≤0.5P
DoD	95% DOD
Ingress Protection Rating	IP55
Cooling Method	Active Liquid Cooling
Operating Temperature	-25°C~55°C
Relative Humidity	0~95%RH
Operating Altitude	≤2000m
Dimensions (W*D*H)	2991×2438×2591mm
Total Weight	10t
Communication	Ethernet/RS485
Fire Suppression System	PACK-level aerosol ,space-grade aerosol fire extinguishing
Certification	GB/T36276, GB/T 34120, GB/T34131, UN3536, IEC62619 IEC63056, UL9540A, IEC62477, IEC61000



### All-in-One 10-ft Container

Highly integrated 3S system,cooling system, and fire protection system,delivering greater capacity within a smaller footprint.



### Seamless On/off-grid Switching

The systemequipped with an integrated STS, enabling seamless on-grid and off-grid switching within 20ms.



### String-Based Solution

Each battery cluster is independently managed, ensuring higher efficiency and system stability.



### Multiple Power Source Options

With reserved interfaces for diesel generator and PV inverter, the system supports multiple power sources, suiting a wide range of scenarios.