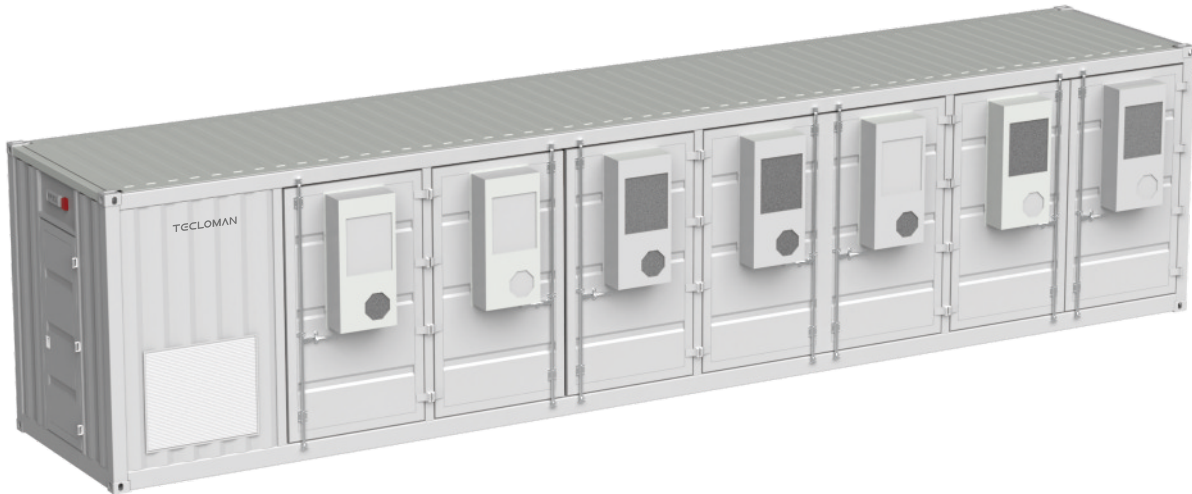


Containerized Battery Energy Storage System (Including PCS)

TESS-630-1290.1260-3010



Product Overview

Containerized BESS is a highly integrated medium-sized system, incorporating all necessary equipment into a single, comprehensive BESS. It amalgamates the BESS, battery management system, BESS inverter, DC cabinet, temperature control, and fire fighting systems, making it adaptable to a variety of BESS application scenarios.



40 feet, 3.01 MWh maximum, ultra-high functional density



Assembled transportation, quick installation



Intelligent air cooling/liquid cooling and heating pipe system, with temperature difference in the box $<5^{\circ}\text{C}$



JRCC High Altitude Certification



High altitude design, with operation altitude up to 5000 m



Full range of active fire safety system



Anti-corrosion grade of C3, service life of up to 25 years



Model	TESS-630-1290	TESS-1260-3010
Box size	20 feet	40 feet
DC side DC		
Rated Voltage	768V	
Rated capacity	1680Ah	3920Ah
Rated capacity	1290kWh	3010kWh
AC side AC		
Rated Power	630kW	1260kW
Maximum power	693kW	1386kW
Rated Current/Maximum Current	909A /1000A	1818A /2000A
Rated Voltage	400 V (3P4W+ PE, 3-phase 5-wire)	
Rated Frequency	50Hz	
Basic parameters		
Protection Grade	IP54	
Temperature Control System	Industrial air conditioner	
Fire fighting system	Heptafluoropropane / perfluorohexane fire extinguishing system	
Operating temperature range	-15°C-50°C	
Relative humidity	≤95%RH, non-condensing	
Allowable altitude	4000 m (over 2000 m, it will operate in derating)	
External dimensions (L X W X H) of container	6058mm x 2438mm x 2896 mm	12192mm x 2438mm x 2896 mm
Weight	Approx. 17T	Approx. 38T
Communication mode	RS485, Ethernet, 4G	
Accessories	Connecting cable, lighting, switch socket, etc. in the cabinet	