



Walk in Chamber for Altitude Simulated Test

Relative Standard test requirements

1. Test Object: battery pack and system
2. Test Conditions: Altitude 4000m or the equate air pressure condition, atroom temperature.
3. The test objects stay in the test condition as Item 2 for 5 hours.

Product Name	Altitude Simulated Test Chamber	
Model	BE-8203-5m³	BE-8203-12m³
Internal Dimension	W1600 X D2400 X H1300mm	W2000 X D3000 X H2000mm
External Dimension	W2050 X D2700 X H2200mm	W2450 X D3300 X H2900mm
Equipment weight	Approx 6 ton	Approx 9ton
Power Supply	AC 380V,6.0KW	AC 380V,8.0KW
Pressure Range	10.0KPa—101.3KPa (Adjustable)	
Pressure Reducing Time	Less than 30 min	
Pressure Recovery Time	Less than 30 min	
Pressure Maintenance	≥10 hours	
High Tension Terminal	4 pieces, Max. DC 500A,1000V	
Low Tension Terminal	4 pieces, Max. DC 500A,1000V	

Data Cable Interface	2 groups, DB9 line
Observe Window	W400 X H600 mm
Auto Door	Adopt hydraulic automatic open design
Inner Material	SUS304# stainless steel+45# steel
External Material	SECC steel plate, powder painted
Power Supply	AC 380V,6.0KW
Other Requirement	PLC touch screen control + computer remote control. Can be charged and discharge in vacuum condition. The inner chamber has signal wire interface. Lighting system and video monitor system Slide rail installed, the test object can be carried into and out automatically.

4. Subject the test object to 1C(no more than 400A) constant current discharge until reaching the cutoff condition.

5. After testing, observe for 2h under the room temperature.

Send