

# LVRT & HVRT Test Container

PLASPO's FRT test equipment, which was first developed in Korea, continues to develop HVRT test equipment in 2021

PLASPO's FRT Test Container generates low&high voltage at connection point where normally extra-high voltage(higher than 22.9kV) is applied. By doing this, our products will help you verify grid-code suitability of your distributed generation facilities.(Wind power, Solar power, Fuel cell, etc.)

- Electricity quality measurement
- Unbalanced voltage generation function
- Double dip, grounding generation function
- 3-phase, 2-phase, low & high voltage generation function
- FRT capability certification test at connection points with extra-high voltage(more than 22.9kV)



LVRT-10MVA, UL/CSA Version



12MVA HVRT Equipment

## Certification Case



Gunsan (2011)



Quebec in Canada (2013)



Yeonggwang (2014)



Baeksu (2015)

## FRT Test Container

Model	HVRT	LVRT		
Capacity	12MVA	3MVA	5MVA	10MVA
Norminal Voltage	22.90kV/36kV	22.9kV		36kV/40.5kV
Frequency	50/60Hz	60Hz		50/60Hz
Voltage Dip Level	0~130% Un	0~100% Un		85 Hz(Geared type)
Fault Type	3-Phase, 2-Phase Double dip	3-Phase, 2-Phase		3-Phase, 2-Phase Double dip
Measurement System	AD : 16bit 16ch ~ 32ch			
Dimensions	High cubic 45ft	Standard 40ft	High cubic 40ft	High cubic 40ft
Operating Altitude	2000m			
Ambient Temperature	-10 ~ +40°C			