

First step: No Power test:

Switching the multimeter to Diode position and test as follows:

1. set the multimeter to Diode position, connect the black hand with "+", then connect the red hand with R、S、T、U、V、W in order, if all the values is between 0.3--0.5V, both the rectifier and IGBT upper bridge are good.
 2. Contrary, connect the red hand with "--", then connect the black hand with R、S、T、U、V、W in order, if all the values is between 0.3--0.5V, both the rectifier and IGBT lower bridge are good.
- If the test values is highly unbalance, the rectifier or the IGBT must be broken. And you can't power on in this situation.

Notice: Please make sure that the inverter no power, so we call it static test.

Please follow this steps to test the rectifier and IGBT module		
Connect the black hand with "+", then connect the red hand with R、S、T、U、V、W in order.	R	
	S	
	T	
	U	
	V	
	W	
Connect the red hand with "-", then connect the black hand with R、S、T、U、V、W in order.	R	
	S	
	T	
	U	
	V	
	W	



Remark:Pls make sure the inverter is power off before test.