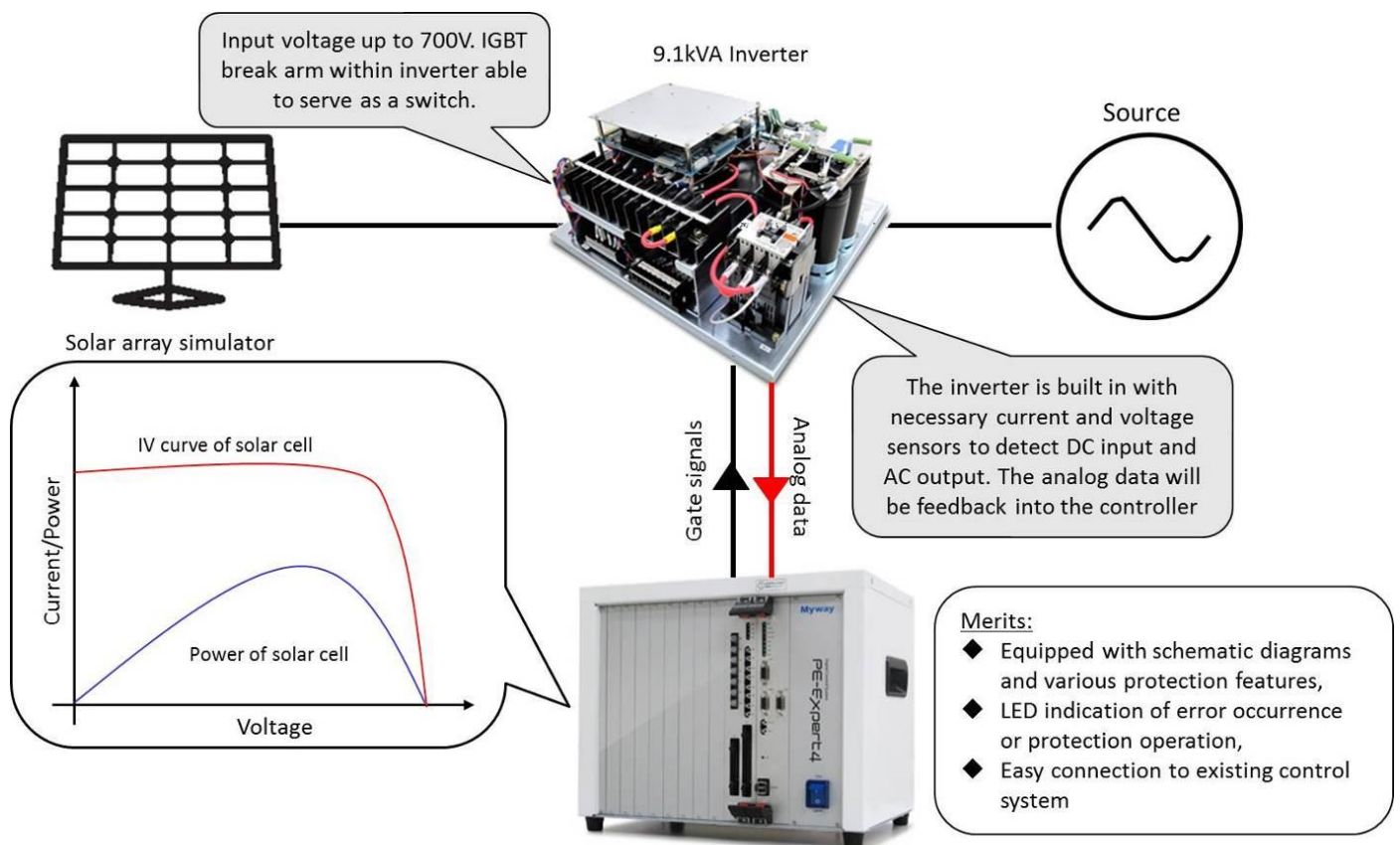


Title: Photovoltaic Inverter Set Up

In this example, we will focus on building a 9kVA photovoltaic inverter set up comprising of a solar array simulator and three phase voltage source. The DC output from solar panels will be converted into alternating current to be feedback to the source. The performance of the inverter will then be sent to the controller via analog inputs.



Product Information

Product Name	Model No	Main Specifications
9.1kVA Inverter Unit	MWIN-9R144	DC Input 700V AC Input 440V AC Output 440V, 13A
PE-Expert 4 Rack	MWPE4-RACK12	
PE-Expert 4 DSP Board	MWPE4-C6657	DSP TMS320C6657 (1.25GHz)
PE-Expert 4 PEV	MWPE4-PEV	6ch PWM, 8ch AD, 14bit