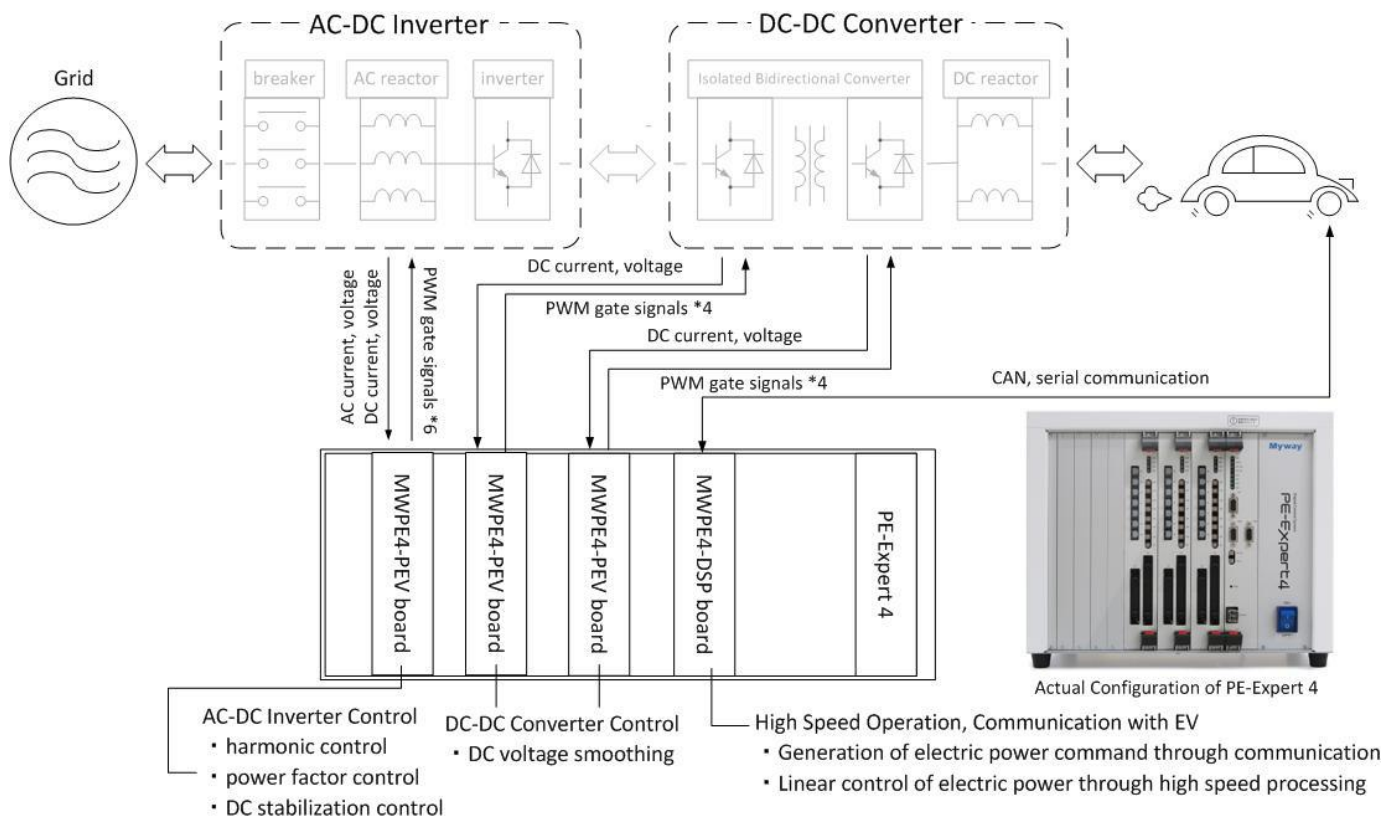


## Title: Bidirectional Charger for EV

This is a regenerative bidirectional charger which can transform 3 phase grid voltage into DC output and regenerate DC power into the grid. The system is made up of AC-DC inverter, isolated DC-DC converter and a controller for EV power control. Users will build their own control program in C language in communication with EV. The items for evaluation include 3 phase harmonic control, power factor improvement, DC stabilization control, smooth control of DC inductor



### Product Information

Product Name	Model No	Main Specifications
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