

Develop large-capacity PCSs that realize world-leading power conversion efficiency

Features

- **Ultra-high efficiency**

World-leading power conversion efficiency of 98.5% through new 3-level conversion circuit (Fuji Electric's original product) applied to reverse-blocking IGBTs

- **For mega solar power plants**

Compatible with outdoor installation (IP54 compatible), compatible with DC1,000V input

- **For smart grids**

Storage battery PCSs compatible with respective rechargeable batteries, expansion of communication functions

- **Compatible with global specifications**

Development going forward

Plan to begin sales in FY2012

Outer appearance of PCS prototype machine



3-level IGBT module

Power conversion unit



Control printed circuit board