

Technology definition	A technology to convert solar light energy directly into electric energy by using solar power generation system (consisting of solar cell, module, battery and power regulator, and AC/DC converter)
Keywords	Solar cell, Module, Inverter, c-Si solar cell, Compound solar cell, Organic solar cell, High efficiency
Related sub-technology	<ol style="list-style-type: none">1. Silicon solar cell (crystalline/amorphous)2. Thin film solar cell (silicon thin film/CdTe/CIGS/dye-sensitized/organic)3. Next-generation solar cells (high-efficiency compound/perovskite)