Best Research-Cell Efficiencies

Multijunction Cells (2-terminal, monolithic)
- LM = lattice matched
- MIM = metamorphic
  - Three-junction (concentrator)
  - Three-junction (non-concentrator)
  - Two-junction (concentrator)
  - Two-junction (non-concentrator)
  - Four-junction (concentrator)
  - Four-junction (non-concentrator)
  - Four-junction or more (concentrator)

Single-Junction GaAs
- Single crystal
- Concentrator
- Thin-film crystal

Crystalline Si Cells
- Single crystal (concentrator)
- Single crystal (non-concentrator)
- Multicrystalline
- Silicon heterostructures (HT)
- Thin-film crystal

Thin-Film Technologies
- CIGS (concentrator)
- CIGS
- CdTe
- Amorphous Si (stabilized)

Emerging PV
- Dye-sensitized cells
- Perovskite cells
- Perovskite/Si tandem (monolithic)
- Organic cells (various types)
- Organic tandem cells
- Inorganic cells (CZTSe)
- Quantum dot cells (various types)