



Update on Wassenaar Arrangement



Wassenaar Arrangement and Energy Density Limits on Secondary Cells

- Wassenaar Arrangement (WA) established in 1996; limits exports of “conventional arms and dual-use goods and technologies”
- Participating countries: Argentina, Australia, Austria, Belgium, Bulgaria, Canada, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Japan, Latvia, Lithuania, Luxembourg, Malta, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, Republic of Korea, Romania, Russian Federation, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom and United States

Wassenaar Arrangement and Energy Density Limits on Secondary Cells

- Previous energy density limits (Wh/kg) on primary and secondary cells :
 - Secondary cell limit = 300 Wh/kg
 - Primary cell limit = 550 Wh/kg
- PRBA successful raising Wh/kg limit on secondary cells to **350 Wh/kg for secondary cells**: Effective 2016
- PRBA plans to petition U.S. government to raise limit additional 50 Wh/kg to 400 Wh/kg
 - ✓ Need support from Japan, Republic of Korea, France
- Sufficient for rechargeable lithium metal cells?